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USAFETAC/DS--92/286

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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

FORT ORD/FRITZCHE AAF, CA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

JULY 1992

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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY DATA: AUG 76 - JUL 91 (AIRWAYS).

SUMMARY OF DAY DATA: APR 60 - MAR 65, MAY 66 - JUL 68, MAR 69 - AUG 69 (FULL TIME).

SUMMARY OF DAY DATA: APR 65 - APR 66, AUG 68 - FEB 69, SEP 69 - JUL 91 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BANO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 724916		STATION NAME FORT ORD/FRITZSCHE AAF, CA		LATITUDE N 36 41		LONGITUDE W 121 46		FLD ELEV (FT) 134		CALL SIGN OAR		WMO NMBR	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Fort Ord AAF, CA	AAF	Apr 60	May 61	N 36 41	W 121 46	144	144	24				
2	Fort Ord/Fritzsche AAF, CA	Same	Jun 61	Aug 61	Same	Same	Same	Same	24				
3	Same	Same	Sep 61	Jun 62	Same	Same	Same	152	24				
4	Same	Same	Jul 62	Oct 62	Same	Same	Same	Same	19				
5	Same	Same	Nov 62	Mar 65	Same	Same	Same	149	24				
6	Same	Same	Apr 65	May 66	Same	Same	Same	Same	18				
7	Same	Same	Jun 66	Aug 68	Same	Same	Same	Same	24				
8	Same	Same	Sep 68	Jan 69	Same	Same	Same	140	18				
9	Same	Same	Feb 69	Aug 69	Same	Same	Same	Same	24				
10	Same	Same	Sep 69	Jun 84	Same	Same	Same	Same	17				
11	Same	Same	Jul 84	Dec 87	Same	Same	Same	Same	24				
12	Same	Same	Jan 88	Jan 89	Same	Same	134	Same	24				

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 60	750' NW of wea station	AN/GMQ-1	N/A	15 ft	
2	Jun 61	330' NE of wea stn	Same	Same	Same	
3	Aug 61	.2 mi NE of wea stn	AN/GMQ-11	Same	Same	
4	Sep 61	300' SW apch end of rwy 30	Same	RO-2	12 ft	
5	Mar 66	520' SW ctr, 650' fm , SW end rwy 29	Same	Same	12 ft	
6	Dec 78	Same	AN/GMQ-20	RO-362	same	
7	Jan 89	Same	Same	Same	13 ft	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		5.7				5.7	10.4	.3			16.4	318
03-05		5.6				5.6	10.6				16.2	432
06-08		9.4				9.4	14.8	1.8			26.0	913
09-11		7.8				7.8	11.0	2.7			21.5	1091
12-14		7.1		.1		7.2	5.8	2.3			15.2	1090
15-17	.1	8.0			.1	8.1	4.8	3.5			16.3	1030
18-20		7.6				7.6	5.4	3.8			16.8	840
21-23		7.6				7.6	7.1	1.6			16.2	807
ALL HOURS	.0	7.6		.0	.0	7.7	8.4	2.3			18.4	6521

MONTH: FEB

00-02		6.5				6.5	11.9	1.2			19.6	337
03-05		4.4				4.4	13.9	.5			18.8	431
06-08	.1	7.4				7.4	21.7	2.5			31.7	846
09-11	.1	9.0				9.0	13.2	3.3			25.5	1013
12-14	.1	9.5				9.5	5.7	3.2			18.3	1014
15-17		8.2				8.2	6.5	3.3			18.0	960
18-20	.3	8.1				8.1	8.2	2.8			19.0	793
21-23		7.2				7.2	9.3	1.6			18.1	762
ALL HOURS	.1	7.9				7.9	10.9	2.6			21.5	6156

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR

HOURLS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		8.0				8.0	12.1				20.2	461
03-05		9.7				9.7	18.2				27.9	545
06-08	.1	10.4		.1		10.5	19.1	1.0			30.6	980
09-11		7.5				7.5	10.7	1.8			20.1	1146
12-14		7.6				7.6	5.3	1.8			14.7	1146
15-17		6.6				6.6	5.4	1.4			13.4	1092
18-20		9.2				9.2	7.2	.9			17.2	936
21-23	.2	10.7				10.7	8.2	.8			19.7	899
ALL HOURS	.0	8.6		.0		8.6	10.1	1.1			19.8	7205

MONTH: APR

00-02		3.2				3.2	10.8				14.1	434
03-05		6.4				6.4	17.4	.2			24.0	576
06-08		5.8				5.8	23.8	2.6			32.2	936
09-11		3.8				3.8	10.4	2.8			17.0	1104
12-14		4.1				4.1	4.3	2.2			10.5	1104
15-17		4.9				4.9	4.6	1.7			11.2	1045
18-20		3.1				3.1	5.9	1.4			10.4	878
21-23		2.9				2.9	5.8	.4			9.1	814
ALL HOURS		4.3				4.3	9.9	1.6			15.8	6891

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		1.0				1.0	11.2				12.1	412
03-05		5.0				5.0	24.7	.2			29.9	603
06-08		4.3				4.3	30.2	2.8			37.3	1046
09-11		2.2				2.2	9.2	1.9			13.3	1098
12-14		1.0				1.0	3.0	1.4			5.4	1098
15-17		1.7				1.7	5.3	1.1			8.2	991
18-20		1.7				1.7	9.0	1.4			12.1	840
21-23		2.2				2.2	10.1	.3			12.6	692
ALL HOURS		2.4				2.4	12.4	1.3			16.2	6780

MONTH: JUN

00-02		2.2				2.2	21.5				23.7	418
03-05		6.0				6.0	32.2	.5			38.7	615
06-08		8.2				8.2	39.5	2.5			50.1	1054
09-11		3.0				3.0	13.5	3.8			20.3	1101
12-14		1.0				1.0	3.0	1.2			5.2	1101
15-17	.2	1.3				1.3	4.4	2.0			7.6	1007
18-20		1.5				1.5	10.9	.9			13.3	855
21-23	.4	2.4				2.4	13.4	.1			15.9	704
ALL HOURS	.1	3.2				3.2	16.3	1.6			21.1	6855

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL

HOURLS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.7				3.7	37.6				41.3	407
03-05		9.6				9.6	47.8	.3			57.6	628
06-08	.2	8.5				8.5	60.2	2.4			71.1	1037
09-11	.1	3.2				3.2	28.8	4.5			36.5	1084
12-14	.2	1.1				1.1	5.6	1.9			8.7	1084
15-17		.4				.4	9.8	1.3			11.6	977
18-20		.2				.2	24.6	.8			25.7	830
21-23		2.6				2.6	31.8				34.5	685
ALL HOURS	.1	3.5				3.5	29.2	1.7			34.4	6732

MONTH: AUG

00-02		2.3				2.3	27.7				30.1	386
03-05		7.1				7.1	38.6				45.8	590
06-08	.1	8.9				8.9	54.5	1.9			65.3	1109
09-11	.2	2.4				2.4	21.7	2.8			26.9	1167
12-14	.3	.5				.5	4.7	1.4			6.6	1168
15-17	.3	1.0				1.0	8.8	.6			10.3	1047
18-20		3.1				3.1	19.7	1.0			23.8	900
21-23		2.4				2.4	21.2				23.6	678
ALL HOURS	.1	3.4				3.4	23.6	1.2			28.1	7045

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	3.2				3.2	32.0	.6			35.8	344
03-05	.2	7.2				7.2	37.8	.7			45.7	543
06-08		5.0				5.0	44.4	2.4			51.7	1019
09-11	.1	2.4				2.4	22.3	6.0			30.7	1074
12-14	.1	1.9				1.9	7.0	4.3			13.1	1074
15-17		1.4				1.4	9.5	3.4			14.2	962
18-20		2.6				2.6	18.2	1.4			22.2	812
21-23		3.9				3.9	21.9	.5			26.4	611
ALL HOURS	.1	3.2				3.2	22.6	2.9			28.7	6439

MONTH: OCT

00-02		7.4				7.4	32.4				39.8	352
03-05		5.8				5.8	33.0	.5			39.4	551
06-08	.1	4.6				4.6	40.2	2.2			47.0	1051
09-11		2.3				2.3	26.3	8.1			36.7	1124
12-14		1.6				1.6	12.1	8.3			22.0	1122
15-17	.1	1.3				1.3	13.1	4.4			18.8	999
18-20		1.4				1.4	19.6	2.3			23.3	836
21-23		4.5				4.5	22.3	.2			26.9	651
ALL HOURS	.0	3.1				3.1	23.8	4.1			30.9	6686

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.1				3.1	11.6				14.7	327
03-05		3.7				3.7	14.4				18.1	431
06-08	.1	4.6				4.6	19.8	1.6			26.1	798
09-11	.1	5.0				5.0	13.8	4.4			23.1	1010
12-14	.1	4.8				4.8	6.2	3.8			14.7	1008
15-17		5.8				5.8	6.1	2.6			14.5	951
18-20		5.9				5.9	8.4	1.0			15.3	785
21-23	.3	5.4				5.4	9.9	.7			15.9	710
ALL HOURS	.1	5.0				5.0	10.8	2.2			18.0	6020

MONTH: DEC

00-02		6.1				6.1	18.9	.4			25.4	264
03-05		5.9				5.9	13.0	.8			19.7	391
06-08		6.5				6.5	16.1	1.9			24.6	825
09-11		7.0				7.0	10.5	3.2			20.8	1055
12-14	.2	6.8				6.8	4.3	2.3		.3	13.7	1046
15-17		6.0		.1		6.1	4.6	3.3		.3	14.3	944
18-20		3.8				3.8	8.0	1.7		.5	13.9	640
21-23		3.2				3.2	11.0	.2		.5	14.9	571
ALL HOURS	.0	5.9		.0		5.9	9.5	2.1		.2	17.7	5736

A - 2 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
HOURS: ALL

MONTH	TSDMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	7.6		.0	.0	7.7	8.4	2.3			18.4	6521
FEB	.1	7.9				7.9	10.9	2.6			21.5	6156
MAR	.0	8.6		.0		8.6	10.1	1.1			19.8	7205
APR		4.3				4.3	9.9	1.6			15.8	6891
MAY		2.4				2.4	12.4	1.3			16.2	6780
JUN	.1	3.2				3.2	16.3	1.6			21.1	6855
JUL	.1	3.5				3.5	29.2	1.7			34.4	6732
AUG	.1	3.4				3.4	23.6	1.2			28.1	7045
SEP	.1	3.2				3.2	22.6	2.9			28.7	6439
OCT	.0	3.1				3.1	23.8	4.1			30.9	6686
NOV	.1	5.0				5.0	10.8	2.2			18.0	6020
DEC	.0	5.9		.0		5.9	9.5	2.1		.2	17.7	5736
ANNUAL	.1	4.8		.0	.0	4.8	15.8	2.1		.0	22.6	79066

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

MONTH	TSDMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.8	31.8	.1	.9	.6	31.8	33.2	13.2			51.2	795
FEB	1.6	34.2		.4	.4	34.2	39.7	15.0			57.9	731
MAR	1.2	35.6		1.1	2.1	35.6	33.8	8.8			54.4	829
APR	.5	25.9		.1	.6	25.9	34.3	9.6			50.1	792
MAY	.1	22.6			.1	22.6	42.2	10.8			51.2	849
JUN	.4	24.8				24.8	51.6	16.0			60.2	830
JUL	.4	28.5				28.5	72.2	15.9			75.6	810
AUG	.8	31.9				31.9	70.2	16.8			75.1	794
SEP	1.1	24.9				24.9	59.8	20.9			68.2	719
OCT	1.1	22.9				22.9	52.4	22.5			63.0	748
NOV	.7	31.8		.3	.4	31.8	39.9	14.6			57.1	699
DEC	.3	31.2		.7	.4	31.3	34.6	12.9		.1	53.5	731
ANNUAL	.7	28.8	.0	.3	.4	28.8	47.0	14.6		.0	59.7	9327

A - 3 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91

OURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02									.3			
03-05									.2			
06-08		.1	.1				.2	.1		.1	.1	
09-11		.1					.1	.2	.1		.1	
12-14		.1					.2	.3	.1		.1	.2
15-17	.1					.2		.3		.1		
18-20		.3										
21-23			.2			.4					.3	
ALL HOURS	.0	.1	.0			.1	.1	.1	.1	.0	.1	.0
TOTAL OBS	6521	6156	7205	6891	6780	6855	6732	7045	6439	6686	6020	5736

A - 4 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSTMS			100.0					2
LIQUID PRECIP	13.7		34.0	22.5	13.3	15.5	1.0	497
FREEZING PRECIP								
FROZEN PRECIP			100.0					1
FOG	32.3		39.1	6.7	3.9	13.5	4.5	539
FOG WITH VIS GE 1/2 MILES	28.8		39.8	7.0	4.7	14.2	5.6	430
TOTAL OBS	1525	0	2886	427	340	977	366	6521

MONTH: FEB HOURS: ALL

TSTMS			20.0		60.0	20.0		5
LIQUID PRECIP	9.8		34.0	21.2	14.9	17.3	2.9	491
FREEZING PRECIP								
FROZEN PRECIP								
FOG	28.7		34.2	8.1	4.7	21.6	2.7	666
FOG WITH VIS GE 1/2 MILES	27.6		32.9	8.7	4.5	22.9	3.4	507
TOTAL OBS	1195	0	2074	367	467	1573	480	6156

A - 5 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSTMS				33.3	66.7			3
LIQUID PRECIP	16.3		28.0	16.5	11.4	22.2	5.6	625
FREEZING PRECIP								
FROZEN PRECIP			100.0					1
FOG	29.6		25.0	4.6	5.1	30.4	5.4	724
FOG WITH VIS GE 1/2 MILES	29.0		23.6	3.7	5.8	31.7	6.3	590
TOTAL OBS	1245	0	1537	356	690	2622	755	7205

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP	14.8		24.6	8.8	11.1	35.7	5.1	297
FREEZING PRECIP								
FROZEN PRECIP								
FOG	29.6		14.8	2.7	6.7	42.2	3.9	668
FOG WITH VIS GE 1/2 MILES	27.3		14.0	3.0	6.7	44.4	4.6	565
TOTAL OBS	1116	0	963	158	656	3568	430	6891

A - 5 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSTMS								
LIQUID PRECIP	11.9		9.4	.6	15.0	60.6	2.5	160
FREEZING PRECIP								
FROZEN PRECIP								
FOG	22.5		13.8	1.7	9.6	47.7	4.8	841
FOG WITH VIS OR 1/2 MILES	20.2		12.9	1.7	10.1	50.1	5.0	744
TOTAL OBS	701	0	423	52	752	4555	297	6780

MONTH: JUN HOURS: ALL

TSTMS	20.0					60.0	20.0	5
LIQUID PRECIP	17.9		6.4		11.0	61.9	2.8	218
FREEZING PRECIP								
FROZEN PRECIP								
FOG	24.8		9.4	.5	14.5	46.5	4.2	1114
FOG WITH VIS OR 1/2 MILES	22.6		9.4	.2	14.9	48.4	4.5	942
TOTAL OBS	777	0	295	30	862	4580	311	6855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSDMS	20.0		20.0			60.0		5
LIQUID PRECIP	29.4		5.6		6.9	52.8	5.2	231
FREEZING PRECIP								
FROZEN PRECIP								
FOG	24.6		6.6	.5	9.3	54.1	4.9	1950
FOG WITH VIS GE 1/2 MILES	23.1		6.5	.5	9.8	55.4	4.7	1604
TOTAL OBS	824	0	278	17	730	4582	301	6732

MONTH: AUG HOURS: ALL

TSDMS			10.0			90.0		10
LIQUID PRECIP	20.9		10.3	.9	11.1	52.6	4.3	234
FREEZING PRECIP								
FROZEN PRECIP								
FOG	27.7		6.8	2.0	10.5	50.1	3.0	1658
FOG WITH VIS GE 1/2 MILES	26.5		6.1	1.8	10.9	51.3	3.3	1417
TOTAL OBS	1074	0	278	59	732	4579	323	7045

A - 5 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSIMS	25.0		25.0			25.0	25.0	4
LIQUID PRECIP	26.6		17.2	6.4	8.4	38.4	3.0	203
FREEZING PRECIP								
FROZEN PRECIP								
FOG	29.0		16.6	2.4	6.6	42.1	3.3	1443
FOG WITH VIS GE 1/2 MILES	26.3		14.3	2.4	6.4	47.2	3.4	1144
TOTAL OBS	1241	0	762	92	565	3480	299	6439

MONTH: OCT HOURS: ALL

TSIMS	50.0					50.0		2
LIQUID PRECIP	35.8		12.7	9.8	7.8	28.4	5.4	204
FREEZING PRECIP								
FROZEN PRECIP								
FOG	32.8		18.2	3.8	5.6	35.3	4.3	1565
FOG WITH VIS GE 1/2 MILES	29.7		16.9	3.8	5.2	39.1	5.1	1204
TOTAL OBS	1574	0	1343	168	502	2777	322	6686

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSINS			80.0			20.0		5
LIQUID PRECIP	16.2		38.5	16.9	7.8	16.6	4.1	296
FREEZING PRECIP								
FROZEN PRECIP								
FOG	32.0		32.8	6.2	6.3	18.9	3.9	647
FOG WITH VIS GE 1/2 MILES	29.6		31.0	6.5	6.9	22.1	3.9	493
TOTAL OBS	1390	0	2142	304	426	1424	334	6020

MONTH: DEC HOURS: ALL

TSINS					100.0			2
LIQUID PRECIP	16.4		40.8	19.0	10.1	11.0	2.7	336
FREEZING PRECIP								
FROZEN PRECIP						100.0		1
FOG	35.4		36.1	5.4	6.5	14.4	2.2	540
FOG WITH VIS GE 1/2 MILES	33.5		36.2	6.4	7.8	14.4	1.7	409
TOTAL OBS	1217	0	2765	324	249	867	314	5736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAP CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	060 - 120	121 - 150	210 - 240	241 - 300	301 - 330	NO OF OBS
TSDMS	9.3		23.3	2.3	16.3	44.2	4.7	43
LIQUID PRECIP	17.6		25.4	13.1	11.2	29.2	3.7	3792
FREEZING PRECIP								
FROZEN PRECIP			66.7			33.3		3
FOG	28.4		17.1	3.0	8.0	39.5	4.0	12355
FOG WITH VIS GE 1/2 MILES	26.3		15.9	2.9	8.4	42.2	4.3	10049
TOTAL OBS	13879	0	15746	2354	6971	35584	4532	79066

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	63.4	59.7	58.0	68.8	73.8	73.7	68.2	66.1	72.8	73.7	63.6	63.9	67.2
TRACE	8.3	10.6	11.7	10.4	17.9	21.7	28.3	30.9	21.4	14.4	11.1	9.3	16.4
.01	2.3	1.4	1.7	1.8	2.2	.9	1.9	.9	1.8	2.3	3.2	1.7	1.8
.02-.05	4.8	4.9	5.9	4.3	2.8	2.0	.7	1.2	1.2	2.7	3.6	5.1	3.2
.06-.10	3.3	4.1	3.4	2.9	1.3	.8	.4	.1	.6	1.7	2.8	3.2	2.0
.11-.25	5.3	7.2	6.3	4.3	1.4	.7		.5	.8	1.6	6.7	7.3	3.4
.26-.50	6.2	7.0	5.7	4.4	.6	.1	.1	.1	1.0	1.8	4.2	4.7	3.0
.51-1.00	3.8	3.8	5.7	2.3			.4	.1	.3	1.3	3.4	3.7	2.0
1.01-2.50	2.6	1.3	1.5	.6	.1				.1	.4	1.5	1.0	.7
2.51-5.00			.1									.1	.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	28.2	29.7	30.3	20.7	8.3	4.6	3.5	2.9	5.8	11.8	25.3	26.8	16.3
TOTAL NO. OF OBSERVATIONS	818	762	846	815	865	845	826	815	780	819	758	785	9734

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				1.98	.22	TRACE	TRACE	TRACE	TRACE	TRACE	.66	.63	3.49*
61	1.59	.70	1.53	.89	.17	.10	TRACE	.02	TRACE	TRACE	1.07	1.14	7.21
62	2.64	4.85	1.38	.07	.25	.16	*	*	*	TRACE*	*	.29*	9.64*
63	2.44	2.05	4.05	3.92	.13	.02	TRACE	TRACE	.34	1.44	2.16	.40	16.95
64	1.84	.15	2.42	.17	.63	.12	TRACE	.23	TRACE	.68	1.78	4.05	12.07
65	.89	.51	1.36										2.76*
66					.02	.01	.67	.04	.23	.01	3.51	4.25	8.74*
67	2.64	.17	2.93	6.56	.11	.16	TRACE	.01	.27	.10	1.50	1.40	15.85
68	1.94	1.10	2.48	.89	.12	.01	TRACE	.11*	TRACE	.11	2.63	3.10	12.49*
69	7.68	6.93	.83	2.32	.07	.04	TRACE	TRACE	.09	.60	.71	2.49	21.76
70	4.20	1.87	2.16	.03	TRACE	.27	TRACE	TRACE	TRACE	.32	4.97	4.50	18.32
71	.89	.50	1.26	1.28	.30	.01	.01	.16	.13	.03	1.82	2.83*	9.22*
72	.70	.83	.03	.49	.02	.02	.05	TRACE	.04	1.72	4.32	1.56	9.78
73	3.45	5.48	3.21	.06	.02	TRACE	TRACE	TRACE	.05	1.70	4.10	3.00	21.07
74	3.67	1.08	5.49	3.74	TRACE	.38	.40	.02	TRACE	1.48	.47	1.79	18.52
75	.90	3.31	3.15	1.27	.02	TRACE	.13	.55	TRACE	1.02	.23	.17	10.75
76	.16	1.32	1.46	1.30	TRACE	.15	.02	.60	.55	.40	.71	1.22	7.89
77	2.40	.50	1.30	.00	.82*	.08*	TRACE*	TRACE	.28	.06	.28	3.71	9.43*
78	4.78	3.69	3.85	4.03	.01	TRACE	TRACE	.01	.26	.01	1.73	1.10*	19.47*
79	4.26	4.18	2.43	.38	.07	TRACE	.55	TRACE	.01	1.21	1.82	2.95	17.86
80	5.15	3.77	1.98	.79	.34	.02	.69	.07	.02	.01	.06	1.03	13.93
81	5.37	1.51	3.73	.67	.03	TRACE	TRACE	TRACE	.04*	1.55*	4.36*	1.11*	18.37*
82	3.89*	1.45*	5.96*	2.05*	.01*	.33*	.01*	.05*	1.46*	1.65*	4.09*	2.27*	23.22*
83	5.42*	5.30*	8.24*	3.53*	.47*	.03*	.00*	.05*	1.32*	.46*	3.57*	2.93*	31.32*
84	.12*	1.25*	.69*	.38*	.02*	.17*	.01*	TRACE*	.04*	1.49*	4.12*	1.97*	10.26*
85	1.27*	.66*	3.51*	.44*	.13*	.19*	.08*	TRACE*	.09*	1.27*	3.56*	2.39*	13.59*
86	2.39*	3.83*	5.19*	.64*	.20*	.04*	TRACE*	.03*	.98*	.06*	.02*	.89*	14.27*
87	3.61*	2.97*	2.22*	.52*	.01*	TRACE*	.01*	TRACE*	TRACE*	.75*	1.41*	2.45*	13.95*
88	1.23*	.86*	.02*	1.47*	.47*	.10*	.07*	TRACE*	TRACE*	.10*	1.98*	2.35*	8.65*
89	1.07*	1.57*	3.33*	.72*	.14*	.02*	.02*	.02*	.90*	1.28*	1.06*	.13*	10.26*
90	3.43*	2.65*	1.30*	.74*	2.04*	.01*	.01*	TRACE*	.15*	.26*	.23*	1.71*	12.53*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	.46*	2.15*	7.72*	.44*	.03*	TRACE*	.03*						10.83*
LEAST	.16	.15	.03	.00	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.06	.17	7.21
GREATEST	7.68	6.93	8.24	6.56	2.04	.38	.69	.60	1.46	1.72	4.97	4.50	31.32
MEAN	2.88	2.22	2.35	1.54	.13	.07	.13	.09	.12	.57	1.82	2.20	14.77
MEDIAN	2.54	1.42	2.29	.89	.07	.02	TRACE	.01	.04	.32	1.73	1.79	15.85
SD	1.930	1.986	1.302	1.753	.159	.105	.244	.182	.158	.644	1.478	1.410	4.867
TOTAL OBS	818	762	846	815	865	845	826	815	780	819	758	785	9734

THE GREATEST VALUE OF 8.24 OCCURRED ON 03/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				1.51	.16	TRACE	TRACE	TRACE	TRACE	TRACE	.24	.43	1.51*
61	.57	.51	.37	.49	.14	.10	TRACE	.02	TRACE	TRACE	.39	.56	.57
62	1.12	1.67	.53	.06	.24	.12	*	*	*	TRACE*	*	.29*	1.67*
63	1.67	.86	1.83	1.02	.08	.01	TRACE	TRACE	.30	.55	.82	.21	1.83
64	.82	.10	.92	.10	.25	.07	TRACE	.23	TRACE	.66	.41	.75	.92
65	.24	.32	.60										.60*
66					.01	.01	.67	.04	.22	.01	1.00	1.47	1.47*
67	.89	.15	.76	.81	.10	.13	TRACE	.01	.26	.07	.80	.73	.89
68	.51	.40	.89	.89	.05	.01	TRACE	.11*	TRACE	.07	.80	.58	.89*
69	1.33	1.93	.48	1.25	.03	.04	TRACE	TRACE	.08	.48	.68	.82	1.93
70	1.07	.89	1.06	.02	TRACE	.22	TRACE	TRACE	TRACE	.23	1.89	.75	1.89
71	.48	.17	.63	.47	.15	.01	.01	.12	.13	.02	.87	1.03*	1.03*
72	.47	.59	.02	.20	.01	.02	.02	TRACE	.02	.57	1.47	.34	1.47
73	.66	1.38	1.28	.04	.01	TRACE	TRACE	TRACE	.03	.71	1.25	.91	1.38
74	1.20	.50	2.69	1.16	TRACE	.31	.39	.02	TRACE	.65	.22	.65	2.69
75	.42	1.10	1.06	.41	.02	TRACE	.09	.55	TRACE	.77	.06	.07	1.10
76	.16	.27	.87	.67	TRACE	.15	.02	.40	.32	.40	.43	1.22	1.22
77	1.21	.26	.73	.00	.45*	.06*	TRACE*	TRACE	.23	.06	.21	2.56	2.56*
78	.82	.85	.70	.92	.01	TRACE	TRACE	.01	.16	.01	1.05	.72*	1.05*
79	1.26	.96	.57	.14	.05	TRACE	.53	TRACE	.01	.53	.95	1.09	1.26
80	1.37	.75	.53	.26	.26	.02	.67	.05	.02	.01	.06	.63	1.37
81	1.97	.50	.85	.58	.03	TRACE	TRACE	TRACE	.02*	1.06*	1.51*	.39*	1.97*
82	1.96*	.75*	1.65*	.69*	.01*	.23*	.01*	.02*	.47*	.86*	1.07*	1.79*	1.96*
83	1.36*	1.68*	1.30*	1.32*	.32*	.03*	.00*	.05*	1.29*	.26*	1.45*	1.13*	1.68*
84	.08*	.39*	.31*	.21*	.02*	.09*	.01*	TRACE*	.04*	.65*	1.05*	.90*	1.05*
85	.84*	.48*	.81*	.22*	.07*	.17*	.07*	TRACE*	.08*	1.14*	2.35*	1.66*	2.35*
86	.94*	1.75*	1.92*	.45*	.20*	.04*	TRACE*	.03*	.53*	.05*	.02*	.40*	1.92*
87	1.31*	1.20*	1.00*	.24*	.01*	TRACE*	.01*	TRACE*	TRACE*	.59*	.48*	.61*	1.31*
88	.64*	.85*	.02*	.41*	.18*	.08*	.06*	TRACE*	TRACE*	.03*	.55*	1.12*	1.12*
89	.46*	1.10*	.76*	.32*	.06*	.02*	.02*	.02*	.64*	1.09*	1.06*	.13*	1.10*
90	2.43*	.95*	.46*	.62*	1.35*	.01*	.01*	TRACE*	.15*	.13*	.22*	.97*	2.43*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	.35*	.80*	1.91*	.25*	.03*	TRACE*	.01*						1.91*

GREATEST	2.43	1.93	2.69	1.51	1.35	.31	.67	.55	1.29	1.14	2.35	2.56	2.69
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TOTAL OBS	818	762	846	815	865	845	826	815	780	819	758	785	9734
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THE GREATEST VALUE OF 2.69 OCCURRED ON 03/28/74

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 2 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.1	99.7	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.4	99.7
TRACE	.7	.3	1.2	.1							.3	.6	.3
0.1-0.4													
0.5-1.4													
1.5-2.4													
2.5-3.4													
3.5-4.4	.1												.0
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.1												.0
TOTAL NO. OF OBSERVATIONS	818	762	846	815	866	846	827	823	780	819	757	785	9744

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	4.1	.0	.0	.0	.0	.0	*	*	*	.0*	*	.0*	4.1*
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0										.0*
66					.0	.0	.0	.0	.0	.0	.0	.0	.0*
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0*
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE*
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*
82	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	TRACE*
83	.0*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
84	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
85	.0*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
86	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
87	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
88	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
89	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
90	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	.0*	.0*	TRACE*	.0*	.0*	.0*	.0*						TRACE*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	4.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.1
MEAN	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SD	.917	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	818	762	846	815	866	846	827	823	780	819	757	785	9744

THE GREATEST VALUE OF 4.1 OCCURRED ON 01/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	4.1	.0	.0	.0	.0	.0	*	*	*	.0*	*	*	4.1*
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0										.0*
66					.0	.0	.0	.0	.0	.0	.0	.0	.0*
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0*
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE*
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*
82	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	TRACE*
83	.0*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
84	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
85	.0*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
86	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
87	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
88	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
89	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
90	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	.0*	.0*	TRACE*	.0*	.0*	.0*	.0*						TRACE*

GREATEST	4.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.1
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TOTAL OBS	818	762	846	815	866	846	827	823	780	819	757	785	9744
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THE GREATEST VALUE OF 4.1 OCCURRED ON 01/21/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAP CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-9107
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
BONE	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TRACE													
1	.2												.0
2													
3													
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	.2												.0
TOTAL NO. OF OBSERVATIONS	849	790	877	875	897	876	889	885	840	874	817	832	10301

B - 4 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				0	0	0	0	0	0	0	0	0	0*
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	1	0	0	0	0	0	0	0	0	0	0	0	1
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0*	0*
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0*	0*	0*	0	0	0	0	0	0*
78	0	0	0	0	0	0	0	0	0	0	0	0*	0*
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0*
82	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
83	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
84	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
85	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
86	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
87	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
88	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
89	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
90	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAP CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	0*	0*	0*	0*	0*	0*	0*						0*

GREATEST	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*
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TOTAL OBS	849	790	877	875	897	876	889	885	840	874	817	832	10301
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THE GREATEST VALUE OF 1 OCCURRED ON 01/21/62

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 4 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA

PERIOD OF RECORD: 6004-9107

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
61 - 62	JAN 21	JAN 21	JAN 21	JAN 22	JAN 21	JAN 22
67 - 68	NOV 30			NOV 30		
71 - 72	JAN 27			JAN 27		
72 - 73	DEC 04			MAR 21		
74 - 75	JAN 31			APR 05		
75 - 76	FEB 04			FEB 04		
78 - 79	DEC 18			JAN 30		
81 - 82	JAN 20			JAN 20		
82 - 83	NOV 30			MAR 24		
84 - 85	MAR 05			MAR 07		
89 - 90	JAN 16			FEB 16		
90 - 91	DEC 19			MAR 26		
MEDIAN-DATE	JAN 18	JAN 21	JAN 21	FEB 10	JAN 21	JAN 22

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6104,6109-6503,6509-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60				WNW 40	W 30	SW 25	SW 25	SW 24	SW 22	WNW 30	SW 26	SSE 35	WNW*40
61	E 21	W 25	SW 25	SW 23					W *21	N 30	SE 32	ESE 31	SE *32
62	NW 32	SW 44	SE 37	WNW 35	WNW 32	W 30	SW 22	WSW 24	WSW 22	SW 40	W 22	E 19	SW 44
63	ESE 29	ESE 25	WNW 33	W 32	W 30	WNW 24	WSW 26	W 23	WSW 20	W 20	S 31	WNW 20	WNW 33
64	NW 42	WNW 28	WNW 31	WNW 34	WNW 31	SW 38	W 25	W 28	W 25	ESE 34	S 30	SE 30	NW 42
65	WSW 32	NNW 22	SW 28						W 22	W 28	ESE 42	SSE 31	ESE*42
66	ESE 33	ESE 28	W 31	W 29	WSW*24	W 27	W 22	WSW 25	WSW 29	W 20	E 33	SSW 42	SSW*42
67	SSE 27	W 24	S 30	SSW 27	W 35	SW 24	SW 24	SW 24	W 23	W 38	W 33	W 32	W 38
68	W 23	E 30	W 30	N 37	W 27	W 26	27/ 24	25/ 25	24/ 27	28/ 24	09/ 40	09/ 29	09/ 40
69	18/ 41	18/ 50	27/ 32	27/ 29	27/ 40	27/ 25	23/ 24	23/ 24	09/ 26	29/ 26	12/ 24	13/ 28	18/ 50
70	13/ 44	24/ 32	28/ 34	29/ 31	30/ 26	29/ 35	26/ 22	26/ 23	29/ 23	29/ 23	13/ 32	24/*41	13/*44
71	25/ 24	30/ 30	21/ 35	29/ 39	29/ 32	25/ 25	27/ 24	28/ 24	27/ 20	30/ 30	12/ 38	12/*35	29/*39
72	28/ 28	29/ 25	30/ 23	30/ 32	27/ 27	28/ 24	26/ 23	29/ 22	28/ 16	30/ 23	32/ 34	31/ 26	32/ 34
73	13/ 31	13/ 30	27/ 34	30/ 34	27/ 30	27/ 28	27/ 21	25/ 22	23/ 21	12/ 21	11/ 28	16/*25	27/*34
74	14/ 26	31/ 27	21/ 26	30/ 29	31/ 30	26/ 24	25/ 20	28/ 19	26/ 17	30/ 29	12/ 23	12/ 30	31/ 30
75	13/ 28	31/ 24	21/ 34	30/ 27	31/ 35	28/ 30	27/ 22	32/ 19	28/ 20	31/ 27	29/ 22	29/ 25	31/ 35
76	04/ 16	30/ 27	31/ 28	27/ 38	24/ 24	25/ 26	24/ 22	32/ 23	16/ 27	31/ 17	05/ 18	10/ 16	27/ 38
77	09/ 22	31/ 26	30/*29	29/ 28	26/*31	26/*25	31/*26	26/ 24	27/ 19	27/ 22	21/ 16	16/ 40	16/*40
78	23/ 38	22/ 49	12/ 38	29/ 25	29/ 30	24/ 24	24/ 21	30/ 26	30/ 30	26/ 18	24/ 24	36/*28	22/*49
79	12/ 37	23/ 30	30/ 28	30/ 32	30/ 34	28/ 26	24/ 22	24/ 23	30/*23	30/ 23	12/ 27	10/*46	10/*46
80	12/*35	14/ 41	29/ 38	27/ 36	29/ 38	31/ 29	26/ 25	27/ 23	27/ 20	16/ 29	29/ 20	13/ 29	14/*41
81	20/ 33	22/ 25	30/ 33	30/ 27	29/ 29	30/ 33	28/ 25	25/ 26	27/*20	25/*28	20/*27	29/*21	20/*33
82	14/*27	23/*19	11/*27	35/*21	27/*24	30/*23	25/*20	23/*19	29/*26	21/*25	31/*38	21/*41	21/*41
83	29/*33	23/*36	14/*24	12/*24	31/*28	28/*20	27/*25	24/*18	30/*20	29/*24	12/*28	23/*45	23/*45
84	30/*23	29/*27	29/*33	30/*36	29/*31	28/*20	23/*21	31/*32	27/*20	23/*35	22/*26	31/*32	30/*36
85	31/*24	30/*28	31/*28	30/*33	27/*24	26/*24	24/*21	27/*24	30/*20	27/*26	26/*21	21/*19	30/*33
86	14/*29	13/*36	23/*28	29/*28	24/*27	27/*23	26/*26	29/*21	29/*23	30/*23	31/*26	13/*29	13/*36
87	12/*29	30/*39	14/*42	28/*22	26/*21	27/*22	28/*25	29/*22	28/*19	26/*17	23/*28	12/*31	14/*42
88	12/*24	11/*18	29/*27	28/*22	30/*29	31/*22	29/*19	30/*19	31/*18	28/*12	31/*27	06/*21	30/*29
89	13/*21	09/*28	30/*26	25/*25	30/*26	30/*21	26/*23	27/*21	29/*18	30/*21	13/*19	10/*15	09/*28
90	32/*23	21/*50	29/*23	30/*26	25/*26	26/*27	28/*22	30/*21	26/*19	30/*22	28/*20	28/*37	21/*50

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6004-6104,6109-6503,6509-9107
MONTH: ALL HOURS: ALL

GREATEST	13/ 44	18/ 50	14/ 42	WNW 40	27/ 40	SW 38	WSW 26	31/ 32	30/ 30	SW 40	ESE 42	10/ 46	18/ 50
TOTAL OBS	847	785	875	837	835	812	831	812	813	849	809	809	9914

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6104,6109-6503,6509-9107
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.1	12.8	48.8	21.5	9.2	4.0	2.7	.5	.5	.0	.0	14.7	13.0	847
FEB	.1	5.5	40.4	31.0	13.1	6.1	1.9	1.3	.4	.3	.0	16.4	15.0	785
MAR	.0	2.5	27.9	37.9	19.7	7.8	3.3	.8	.1	.0	.0	17.9	17.0	875
APR	.0	.5	15.9	44.7	26.4	8.1	3.1	1.2	.1	.0	.0	18.9	18.0	837
MAY	.0	.4	9.1	45.6	35.7	6.3	2.4	.4	.1	.0	.0	19.3	19.0	835
JUN	.0	.2	10.3	50.5	35.2	3.0	.5	.2	.0	.0	.0	18.5	18.0	812
JUL	.1	.0	8.2	62.0	28.6	1.1	.0	.0	.0	.0	.0	18.0	18.0	831
AUG	.0	.2	14.0	64.2	20.8	.6	.1	.0	.0	.0	.0	17.3	17.0	812
SEP	.0	1.0	28.2	61.0	8.9	.9	.1	.0	.0	.0	.0	16.0	16.0	813
OCT	.1	3.8	39.2	44.6	9.2	2.2	.5	.2	.1	.0	.0	15.4	15.0	849
NOV	.0	9.4	53.2	23.9	9.0	2.6	1.5	.2	.2	.0	.0	14.3	13.0	809
DEC	.2	16.3	48.7	20.4	7.2	4.6	1.5	.4	.7	.0	.0	14.1	13.0	809
ANNUAL	.1	4.4	28.6	42.3	18.6	4.0	1.5	.4	.2	.0	.0	16.8	16.0	9914

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	.6											.6	3.0	3.0
020-040	.6											.6	2.0	2.0
050-070	5.3	1.9										7.2	3.7	3.0
E) 080-100	11.6	5.3										17.0	3.6	4.0
110-130	9.4	4.7	1.3									15.4	4.3	4.0
140-160	3.8	.3	.3									4.4	3.2	2.5
S) 170-190	2.5											2.5	1.8	2.0
200-220	3.1	.3										3.5	2.3	2.0
230-250	1.9	1.3										3.1	4.1	3.0
W) 260-280	.9	.9										1.9	3.8	3.5
290-310	1.3	.3										1.6	3.4	3.0
320-340	.6	.6										1.3	4.0	3.5
VARIABLE														
CALM	////////////////////////////////////											40.9	////////////////////////////////	
TOTALS	41.6	15.6	1.6									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 318

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.5										.5	5.5	5.5
020-040	.7											.7	2.3	2.0
050-070	4.6	1.2										5.8	3.1	2.0
(E) 080-100	11.3	12.0	.9									24.3	4.8	5.0
110-130	12.0	6.3	1.9	.2								20.4	4.7	4.0
140-160	3.5	.7	.2	.2								4.6	4.4	3.5
(S) 170-190	.9											.9	1.8	2.0
200-220	1.4	.2										1.6	3.1	2.0
230-250	2.1											2.1	2.3	2.0
(W) 260-280	1.2	.7	.2									2.1	4.7	4.0
290-310	1.9	.9		.2								3.0	4.9	4.0
320-340	.5	.5										.9	4.3	4.5
VARIABLE														
CALM	////////////////////////////////////											33.1	////////////////////////////////	
TOTALS	40.1	23.0	3.2	.6								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 432

C - 4 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.8	.1										.9	2.8	2.5
020-040	1.3	.3										1.6	3.9	4.0
050-070	3.0	2.2										5.1	4.1	4.0
(E) 080-100	13.4	13.5	1.4									28.3	4.9	5.0
110-130	11.8	9.5	3.2	.8	.3							25.6	5.8	5.0
140-160	2.5	1.0	.4	.2								4.2	5.2	4.0
(S) 170-190	1.1	.4										1.5	3.4	2.5
200-220	1.2	.3	.4									2.0	5.1	3.5
230-250	1.4	.2	.2	.3								2.2	5.1	2.0
(W) 260-280	1.5	.7	.3	.1								2.6	5.3	3.5
290-310	.5	.3	.4									1.3	7.3	7.0
320-340	.4	.4										.9	4.1	4.5
VARIABLE														
CALM	////////////////////											23.8	////////	
TOTALS	38.9	28.9	6.3	1.4	.3							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 913

C - 4 - 3

OPERATING LOCATION "A"
USAFETAC, ASSEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.2	.1	.1								1.5	4.3	2.5
020-040	.7	.5	.2									1.5	4.9	5.0
050-070	3.9	1.6										5.6	3.9	3.0
(E) 080-100	11.4	14.1	3.5									29.0	5.8	6.0
110-130	13.4	17.7	5.6	.8	.3							37.8	6.4	6.0
140-160	1.0	1.4	.3	.2	.1							2.9	6.6	5.5
(S) 170-190	.3	.5										.7	5.1	5.5
200-220	.3	.5	.1		.1							.9	7.7	7.5
230-250	.3	.5	.6	.3								1.7	9.4	10.0
(W) 260-280	1.4	1.5	.4	.1								3.3	5.4	5.0
290-310	.7	1.0	.4									2.1	5.8	6.0
320-340	.6	.4	.3									1.3	5.6	5.0
VARIABLE														
CALM	////////////////////											11.7	////////	
TOTALS	35.1	39.9	11.5	1.5	.5							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 1091

C - 4 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.9	.2	.2								3.4	5.1	4.0
020-040	3.8	1.2	.3									5.2	4.0	4.0
050-070	6.8	4.5										11.3	4.1	4.0
(E) 080-100	6.3	8.0	.9									15.2	5.3	5.0
110-130	4.9	7.5	3.1	.4		.1						16.0	7.0	7.0
140-160	1.6	.9	.3	.1								2.8	5.1	4.0
(S) 170-190		.3	.1	.1								.5	9.6	8.0
200-220	.3	.3	1.3	.1	.2							2.1	11.0	11.0
230-250	1.2	1.2	1.0	.1	.1							3.6	7.2	7.0
(W) 260-280	2.2	5.6	1.0	.2								9.0	6.4	6.0
290-310	5.2	7.2	2.2	.2								14.9	6.3	6.0
320-340	3.6	3.1	.9	.1								7.7	5.2	5.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	38.0	40.7	11.3	1.5	.3	.1						100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 1090

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.3	.3									3.6	4.8	4.0
020-040	3.4	1.8	.2									5.4	4.4	4.0
050-070	3.9	3.2	.1									7.2	4.4	4.0
(E) 080-100	2.1	1.8	.2									4.2	4.9	4.0
110-130	1.3	1.8	1.9	.1								5.1	7.8	8.0
140-160	.6	.7	.4									1.7	6.5	6.0
(S) 170-190	.3	.2	.1									.6	5.0	5.0
200-220	.4	.6	1.0	.2								2.1	9.5	11.0
230-250	2.2	1.7	.8	.5								5.2	6.6	5.0
(W) 260-280	8.7	8.9	1.2									18.8	4.9	5.0
290-310	8.5	15.4	3.5	.5								28.0	6.1	6.0
320-340	3.7	5.0	1.0	.1								9.8	5.9	6.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	37.1	42.4	10.7	1.4								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 1030

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.6	.1									2.0	4.2	3.0
020-040	2.7	.7										3.5	3.5	3.0
050-070	3.1	1.3										4.4	3.5	3.0
(E) 080-100	3.1	.4	.1									3.6	3.3	3.0
110-130	2.6	1.1	1.5									5.2	6.3	4.5
140-160	1.9	.6	.1	.1								2.7	4.1	2.0
(S) 170-190	1.2	.1	.1	.1								1.5	4.4	2.0
200-220	5.4	.6	.2	.1								6.3	3.3	2.0
230-250	8.9	1.7	.2									10.8	3.0	2.0
(W) 260-280	6.4	1.4		.1								8.0	3.4	3.0
290-310	4.0	3.1	1.1									8.2	5.3	5.0
320-340	3.2	.8	.4	.1								4.5	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											39.2	////////	
TOTALS	43.8	12.4	3.8	.5								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 840

C - 4 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.5	.1									1.1	5.2	5.0
020-040	1.4	.7	.1									2.2	4.4	3.0
050-070	5.5	1.4										6.8	3.4	3.0
(E) 080-100	5.2	1.0										6.2	3.3	3.5
110-130	4.8	1.5	1.5	.4								8.2	5.8	4.0
140-160	2.6	.5	.4	.4								3.8	4.8	3.0
(S) 170-190	1.9	.2										2.1	2.4	2.0
200-220	5.5	1.0	.4	.1								6.9	3.7	2.0
230-250	3.8	.7	.4	.1								5.1	3.9	3.0
(W) 260-280	2.0	.6										2.6	3.2	3.0
290-310	2.6	1.6	.1									4.3	4.4	4.0
320-340	.6	.1										.7	3.8	3.5
VARIABLE														
CALM	////////////////////											49.8	////////	
TOTALS	36.4	9.8	3.0	1.0								100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 807

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.2	.6	.1	.0							2.0	4.6	4.0
020-040	2.1	.8	.1								3.0	4.1	4.0
050-070	4.5	2.3	.0								6.8	3.9	4.0
(E) 080-100	7.5	7.1	1.0								15.7	5.0	5.0
110-130	7.1	6.8	2.8	.4	.1	.0					17.2	6.2	5.0
140-160	1.9	.8	.3	.2	.0						3.2	5.1	4.0
(S) 170-190	.8	.3	.0	.0							1.2	3.8	2.0
200-220	1.9	.5	.5	.1	.0						3.1	5.3	3.0
230-250	2.7	1.0	.5	.2	.0						4.3	5.0	3.0
(W) 260-280	3.4	3.0	.5	.1							7.0	5.0	5.0
290-310	3.5	4.5	1.2	.1							9.3	5.9	6.0
320-340	1.9	1.6	.4	.0							4.0	5.2	5.0
VARIABLE													
CALM	////////////////////										23.4	////////	
TOTALS	38.5	29.3	7.4	1.1	.1						100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 6521

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.3										1.7	2.8	3.0
020-040	1.7	1.0										2.7	4.0	4.0
050-070	1.7	2.7										4.4	4.6	5.0
(E) 080-100	4.7	4.4	.7									9.8	4.9	5.0
110-130	7.8	3.1	1.0	.3								12.2	4.6	4.0
140-160	1.4	.3	.3									2.0	4.3	3.5
(S) 170-190	1.7											1.7	2.2	2.0
200-220	2.7	1.0	1.0									4.7	5.4	3.0
230-250	3.4	1.4	.7	1.7								7.1	7.1	5.0
(W) 260-280	5.4	3.7	1.4	.7								11.2	5.8	5.0
290-310	5.1	4.1	2.0									11.2	5.8	5.0
320-340	2.7	.3										3.1	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											28.1	////////////////////////////////	
TOTALS	39.7	22.3	7.1	2.7								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 295

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.3	.6										.9	4.7	6.0
020-040	1.5											1.5	1.8	2.0
050-070	2.7	.9										3.6	3.1	2.0
(E) 080-100	8.6	2.7	.3									11.6	3.9	4.0
110-130	7.7	1.2	.6	1.2	.6							11.3	5.7	3.0
140-160	3.0											3.0	2.0	2.0
(S) 170-190	2.4		.3									2.7	3.0	2.0
200-220	4.7	2.1	.6	.3								7.7	4.2	2.5
230-250	5.3	2.1										7.4	3.8	4.0
(W) 260-280	3.9	1.5										5.3	4.3	4.0
290-310	3.6	2.4	.3									6.2	4.6	4.0
320-340	2.4	.3										2.7	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											36.2	////////	
TOTALS	46.1	13.8	2.1	1.5	.6							100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 337

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.5	.2	.2									.9	5.0	4.5
020-040	1.4											1.4	2.5	2.5
050-070	4.6	1.6										6.3	3.6	4.0
(E) 080-100	10.2	4.6										14.8	3.9	4.0
110-130	10.7	4.9	1.6	1.2								18.3	5.3	4.0
140-160	3.5	.5	.2									4.2	3.6	2.0
(S) 170-190	.7											.7	3.0	3.0
200-220	1.4	1.4	.7									3.5	5.8	5.0
230-250	1.2	1.6	.2	.5								3.5	6.4	6.0
(W) 260-280	2.1	.9	.9									3.9	5.3	4.0
290-310	2.3	.9	.2									3.5	4.7	3.0
320-340	.7	.9		.2								1.9	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											37.1	////////////////////////////////	
TOTALS	39.3	17.5	4.0	1.9								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRTZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(W) 350-010	.1	.2										.4	6.0	8.0
020-040	1.1	.5										1.5	3.5	2.0
050-070	5.1	2.4	.1									7.6	3.9	4.0
(E) 080-100	13.1	9.6	.6									23.3	4.4	4.0
110-130	10.6	8.3	1.9	.6	.2							21.6	5.5	5.0
140-160	2.6	.9	.5	.1	.1							4.3	5.2	3.0
(S) 170-190	1.9											1.9	2.1	2.0
200-220	1.7	.6	.4									2.6	4.5	3.0
230-250	1.9	.6	.7	.5								3.7	6.7	4.0
(W) 260-280	2.0	.8	.5	.1								3.4	5.3	4.0
290-310	.9	.6	.8									2.4	6.9	6.0
320-340	.5	.5	.2									1.2	6.2	5.5
VARIABLE														
CALM	////////////////////////////////////											26.2	////////	
TOTALS	41.5	25.0	5.7	1.3	.3							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1		.4									1.5	4.9	3.0
020-040	2.6	.6	.3									3.5	3.6	3.0
050-070	3.0	2.4	.1									5.4	4.2	4.0
(E) 080-100	10.3	12.2	1.6									24.1	5.4	5.0
110-130	11.0	14.9	4.6	.8	.2							31.5	6.4	6.0
140-160	1.5	1.1	1.0	.4	.2							4.1	8.2	7.5
(S) 170-190	.6	.3		.1								1.0	4.4	2.5
200-220	.8	.4	.6	.4	.2							2.4	9.7	9.5
230-250	.4	.6	.8	.4	.1							2.3	10.4	11.0
(W) 260-280	1.6	1.6	.9	.1								4.1	6.3	5.5
290-310	1.9	2.4	.5	.2		.1						5.0	6.4	6.0
320-340	2.0	.7	.9	.2								3.8	6.2	4.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////////////////////////////	
TOTALS	36.8	37.2	11.7	2.6	.7	.1						100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 1013

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
 LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
 MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	2.2	.4	.1	.1								2.8	4.0	3.0
020-040	3.6	1.1	.1									4.7	3.8	4.0
050-070	3.5	1.9	.5									5.8	4.9	4.0
E) 080-100	5.4	3.6	.8	.1								10.0	5.0	4.0
110-130	2.7	3.7	3.5	1.5								11.3	8.4	7.0
140-160	.6	.8	.4	.6	.2							2.6	10.0	9.0
S) 170-190														
200-220	.4	.1	.4	.1		.1						1.1	9.2	10.0
230-250	1.3	1.7	1.4	.7		.2	.1					5.3	9.9	9.0
W) 260-280	2.9	10.4	3.1	.1								16.4	7.0	7.0
290-310	5.9	13.0	5.6	.6	.3	.2						25.6	7.5	7.0
320-340	3.8	4.3	1.1	.1								9.4	5.6	5.0
VARIABLE														
CALM	////////////////////											5.0	////////	
TOTALS	32.3	41.0	17.0	3.9	.5	.5	.1					100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 1014

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.8	.2		.1								1.1	4.2	2.0
020-040	1.8	1.6	.7									4.1	5.6	5.0
050-070	1.0	.6	.2									1.9	5.4	4.0
(E) 080-100	.7	.3	.2									1.2	5.8	4.0
110-130	.8	1.9	1.1	.7	.1							4.7	9.0	8.0
140-160	.1	.1	.3	.4	.1							1.0	12.6	13.5
(S) 170-190	.2	.1		.1								.4	7.3	5.5
200-220	.2	.6	.5	.1								1.5	9.2	9.0
230-250	1.1	3.6	2.0	.4								7.2	8.3	8.0
(W) 260-280	5.0	20.1	5.6	.2								30.9	7.1	7.0
290-310	6.3	19.0	7.1	1.8	.4							34.5	7.8	7.0
320-340	3.2	3.3	2.0	.1								8.6	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////	
TOTALS	21.2	51.4	19.7	3.9	.6							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 960														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.3		.1								1.3	4.9	3.5
020-040	2.5	1.5										4.0	4.2	3.0
050-070	.8	.5										1.3	4.1	4.0
(E) 080-100	1.8	.5		.3								2.5	4.3	3.0
110-130	.6	.8	1.3	.6								3.3	10.0	10.0
140-160	.5	.1	.4	.1								1.1	7.6	6.0
(S) 170-190	1.9	.3	.3	.1								2.5	4.6	2.0
200-220	4.3	1.0	.1	.1								5.5	3.8	3.0
230-250	6.8	5.7	.8									13.2	4.7	4.0
(W) 260-280	13.7	9.0	.3									23.0	4.1	4.0
290-310	5.5	6.7	3.0		.3							15.5	6.4	6.0
320-340	1.8	1.6	.8	.3								4.4	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											22.3	////////	
TOTALS	41.1	28.0	7.0	1.6	.3							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 793

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	2.0	2.0
020-040	1.0	.1										1.2	3.0	3.0
050-070	2.9	.3										3.1	2.5	2.0
(E) 080-100	3.0	.5	.1									3.7	3.3	2.0
110-130	3.5	1.8	1.2									6.6	5.3	4.0
140-160	.9		.7	.3								1.8	7.6	7.0
(S) 170-190	1.0	.5	.1									1.7	4.0	2.0
200-220	7.3	2.5	.3									10.1	3.8	4.0
230-250	7.1	4.2	.5	.4								12.2	4.6	4.0
(W) 260-280	4.5	2.5										7.0	3.9	4.0
290-310	3.5	2.2	.9		.1							6.8	5.6	4.0
320-340	1.6	1.4										3.0	4.3	4.0
VARIABLE														
CALM	////////////////////											42.1	////////	
TOTALS	37.0	16.0	3.8	.7	.1							100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 762

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2	.1	.0								1.3	4.3	3.0
020-040	2.1	.8	.2									3.0	4.1	3.0
050-070	2.8	1.4	.1									4.4	4.1	4.0
(E) 080-100	6.3	4.6	.5	.0								11.5	4.7	4.0
110-130	5.5	5.2	2.2	.8	.1							13.9	6.5	6.0
140-160	1.3	.5	.5	.3	.1							2.7	7.1	5.0
(S) 170-190	.9	.2	.1	.0								1.2	3.8	2.0
200-220	2.3	.9	.4	.1	.0	.0						3.8	5.2	4.0
230-250	2.8	2.5	.9	.4	.0	.0	.0					6.7	6.4	5.0
(W) 260-280	4.5	6.8	1.7	.1								13.1	6.0	6.0
290-310	3.9	6.9	2.8	.4	.2	.0						14.2	7.1	7.0
320-340	2.1	1.9	.8	.1								4.9	5.9	5.0
VARIABLE														
CALM	////////////////////											19.4	////	////
TOTALS	35.4	31.9	10.3	2.2	.4							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 6156

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8											.8	2.0	2.0
020-040	1.6											1.6	2.5	2.5
050-070	2.8	.5										3.4	2.8	3.0
(E) 080-100	4.4	1.8										6.2	3.5	3.0
110-130	5.4	3.1										8.5	4.0	4.0
140-160	3.4											3.4	1.9	2.0
(S) 170-190	2.3											2.3	2.0	2.0
200-220	2.8	.8	.5									4.1	4.1	3.0
230-250	4.4	2.8	.8	.5		.3						8.8	6.2	4.5
(W) 260-280	6.7	12.9	3.4									23.0	6.2	6.0
290-310	3.9	4.4	1.6									9.8	5.4	5.0
320-340	2.1	1.3	.3									3.6	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											24.5	////////////////////////////////	
TOTALS	40.6	27.6	6.6	.5		.3						100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 387

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT OGD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.2										.4	4.0	4.0
020-040														
050-070	1.1											1.1	2.2	2.0
(E) 080-100	3.0											3.0	2.0	2.0
110-130	5.0	2.0	.2		.2		.2					7.6	5.2	4.0
140-160	4.3	.7	.2		.2							5.4	3.8	2.0
(S) 170-190	3.0											3.0	2.4	2.0
200-220	6.1	1.3										7.4	3.3	4.0
230-250	9.3	4.6	.2									14.1	3.9	4.0
(W) 260-280	7.2	4.6										11.7	4.1	3.0
290-310	5.0	3.0	2.0	.2	.2							10.4	6.3	6.0
320-340	1.3	1.3	.7									3.3	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											32.5	////////////////////////////////	
TOTALS	45.5	17.7	3.3	.2	.6		.2					100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 461

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6		.2									.7	4.8	3.0
020-040	.6											.6	3.0	3.0
050-070	2.8											2.8	2.6	2.0
(E) 080-100	5.5	1.7										7.2	3.6	4.0
110-130	7.3	5.0	.9	.4	.4							13.9	5.3	4.0
140-160	4.6	.6										5.1	2.6	2.0
(S) 170-190	1.5	.4										1.8	2.9	2.0
200-220	4.4	.2										4.6	2.1	2.0
230-250	6.4	1.3	.4									8.1	3.2	2.5
(W) 260-280	5.5	2.2										7.7	3.4	3.0
290-310	3.9	3.9	.7	.4								8.8	5.6	5.0
320-340	1.8	.7										2.6	4.0	4.0
VARIABLE														
CALM	////////////////////											36.1	////////	
TOTALS	44.9	16.0	2.2	.8	.4							100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 545

OPERATING LOCATION "A"
USAFETAC, ABERVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.3										.8	3.9	3.5
020-040	.7											.7	2.4	2.0
050-070	1.8	.3	.1									2.2	2.9	2.0
(E) 080-100	9.2	3.7	.2									13.1	3.8	4.0
110-130	13.0	8.1	1.2	.4								22.7	4.8	4.0
140-160	2.1	.5	.3	.1								3.1	4.6	4.0
(S) 170-190	1.9	.6	.2									2.8	4.0	3.0
200-220	3.2	.4	.1									3.7	3.2	3.0
230-250	3.7	.6	.3									4.6	3.7	3.0
(W) 260-280	2.7	1.0	.5									4.2	4.3	3.0
290-310	2.7	1.5	.2		.1							4.5	4.9	4.0
320-340	1.3	1.7	.3									3.4	5.5	5.0
VARIABLE														
CALM	////////////////////											34.4	////////	
TOTALS	42.8	18.7	3.4	.5	.1							100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 980

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.0	.1									3.3	3.7	3.0
020-040	3.0	.8										3.8	3.1	3.0
050-070	4.3	1.2										5.5	3.2	3.0
(E) 080-100	5.9	6.2	.3									12.5	4.9	5.0
110-130	7.4	10.1	2.8	.4								20.8	6.3	6.0
140-160	1.3	1.2	.6	.1								3.2	6.4	6.0
(S) 170-190	.8	.3										1.1	3.8	3.0
200-220	.5	1.0	.3	.3	.1							2.2	7.9	7.0
230-250	1.7	2.7	.4	.1								4.9	6.0	6.0
(W) 260-280	3.0	4.6	.4	.1								8.1	5.7	6.0
290-310	5.7	6.5	1.7	.3	.3	.1						14.5	6.3	6.0
320-340	4.0	2.9	.5									7.4	4.7	4.0
VARIABLE														
CALM	////////////////////											12.7	////////	
TOTALS	39.9	38.5	7.1	1.3	.4	.1						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 1146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.8										1.8	4.3	4.0
020-040	1.5	.3	.1									1.9	3.4	2.5
050-070	1.4	.7										2.1	4.2	4.0
(E) 080-100	1.0	1.0	.1									2.1	5.4	5.0
110-130	1.0	1.9	1.8	.4								5.1	8.7	9.0
140-160	.3	.8	.3									1.5	6.4	6.0
(S) 170-190	.3	.3										.6	5.3	5.0
200-220		.5	.9	.3	.1							1.7	11.3	10.0
230-250	.8	2.4	2.1	.2	.1							5.6	8.6	8.5
(W) 260-280	1.9	13.3	5.8	.5	.1							21.6	8.1	8.0
290-310	6.0	19.9	12.6	3.1	.5							42.1	8.7	8.0
320-340	2.6	5.3	1.8	.3								10.0	6.7	6.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	17.8	47.2	25.5	4.8	.8							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 1146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.7	.6										1.4	4.5	4.0
020-040	.5	.5										.9	4.7	5.0
050-070	.7	.1										.8	3.7	3.0
(E) 080-100	.4											.4	3.0	3.0
110-130	.5	.6	1.0		.3							2.5	9.1	10.0
140-160	.1	.4	.3									.7	8.4	8.5
(S) 170-190	.2	.5	.1									.7	7.0	7.0
200-220	.3	1.0	.4	.3								1.9	9.1	8.0
230-250	.7	4.0	3.1	.5								8.3	8.7	9.0
(W) 260-280	3.4	20.7	8.8	.5								33.3	8.0	8.0
290-310	3.5	18.5	12.8	4.6	1.4	.1						40.8	9.8	9.0
320-340	1.4	2.8	1.3	.9	.4							6.8	9.2	8.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	12.4	49.7	27.8	6.8	2.1	.1						100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 1092

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.1	.3										1.4	2.9	2.0
020-040	.5	.1										.6	3.8	4.0
050-070	.5	.1										.6	2.8	2.0
(E) 080-100	.7	.2										1.0	3.2	3.0
110-130	1.1	.7	.9	.1	.1							2.9	7.7	6.0
140-160	.9	.6	.2									1.7	5.3	4.5
(S) 170-190	1.2	.2										1.4	3.1	3.0
200-220	2.5	2.9	.2									5.6	5.2	5.0
230-250	7.5	10.4	1.9									19.8	5.9	6.0
(W) 260-280	13.8	11.2	1.0	.1								26.1	4.8	4.0
290-310	5.0	8.9	7.4	1.8								23.1	8.4	8.0
320-340	1.4	2.2	1.8	.3	.1							5.9	8.1	8.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	36.2	37.8	13.4	2.3	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 936

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.3										1.3	3.3	2.0
020-040	.4											.4	1.8	2.0
050-070	.3	.1										.4	2.8	2.0
(E) 080-100	.9	.3										1.2	3.1	2.0
110-130	2.1	1.1	.7									3.9	5.4	4.0
140-160	1.7	1.0	.3	.1	.1							3.2	5.7	4.0
(S) 170-190	2.8											2.8	2.7	3.0
200-220	8.7	3.6	.3									12.6	3.9	4.0
230-250	9.0	6.8	1.0									16.8	5.0	4.0
(W) 260-280	7.9	5.0	.4									13.3	4.3	4.0
290-310	4.3	4.3	2.0	.2	.1							11.0	6.4	5.0
320-340	2.1	1.2	.3									3.7	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											29.3	////////////////////////////////	
TOTALS	41.2	23.7	5.0	.3	.2							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 899

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

TATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZ/RE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	1.0	.5	.0									1.6	3.8	4.0
020-040	1.0	.3	.0									1.3	3.3	3.0
050-070	1.7	.4	.0									2.1	3.2	3.0
E) 080-100	3.2	1.8	.1									5.2	4.2	4.0
110-130	4.5	3.8	1.3	.2	.1		.0					10.0	6.0	5.0
140-160	1.5	.7	.3	.0	.0							2.6	5.1	4.0
S) 170-190	1.3	.3	.0									1.6	3.6	3.0
200-220	2.7	1.4	.3	.1	.0							4.5	4.9	4.0
230-250	4.2	4.1	1.3	.1	.0							9.7	5.8	5.0
W) 260-280	5.3	8.7	2.6	.2	.0							16.7	6.4	6.0
290-310	4.6	9.4	5.6	1.5	.4	.0						21.5	8.3	8.0
320-340	2.1	2.6	.9	.2	.1							5.9	6.6	6.0
VARIABLE														
CALM	////////////////////											17.3	////////	
TOTALS	33.1	34.0	12.4	2.3	.6							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 7205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0											2.0	2.5	2.0
020-040	.6											.6	2.0	2.0
050-070	1.2	.2										1.4	2.3	2.0
(E) 080-100	3.6	1.2										4.8	3.6	4.0
110-130	4.0	1.7	.5	.2								6.4	4.9	4.0
140-160	1.1	.2										1.2	3.3	2.5
(S) 170-190	1.1	.2										1.2	2.6	2.0
200-220	2.0	.8										2.8	3.5	3.0
230-250	5.8	5.6	.9									12.3	5.2	5.0
(W) 260-280	10.0	13.2	2.5									25.7	5.6	5.0
290-310	6.9	6.1	2.3	.2								15.4	5.8	5.0
320-340	3.1	1.2	.2									4.5	3.7	2.0
VARIABLE														
CALM	////////////////////											21.5	////////////////	
TOTALS	41.4	30.4	6.4	.4								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.2											.2	1.0	1.0
020-040	.2											.2	2.0	2.0
050-070	.5											.5	1.5	1.5
(E) 080-100	2.5											2.5	2.2	2.0
110-130	1.6	.2										1.8	2.3	2.0
140-160	2.3	.2										2.5	2.6	2.0
(S) 170-190	.9											.9	2.3	2.5
200-220	7.8	1.6										9.4	3.2	3.0
230-250	9.4	5.1	.7									15.2	4.2	4.0
(W) 260-280	10.4	6.9	.2									17.5	4.3	4.0
290-310	2.1	5.3	1.4	.2								9.0	6.7	6.0
320-340	.5	.7										1.2	5.0	6.0
VARIABLE														
CALM	////////////////////////////////////											38.9	////////////////////////////////	
TOTALS	38.4	20.0	2.3	.2								100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.2	.3									.7	7.8	7.5
020-040	.5											.5	1.3	1.0
050-070	1.7	.2										1.9	2.5	2.0
(E) 080-100	5.0	1.0										6.1	2.9	2.0
110-130	4.9	1.9	.2									6.9	3.6	2.0
140-160	2.4	.3										2.8	2.8	2.0
(S) 170-190	1.4	.2										1.6	2.2	2.0
200-220	5.6	.5	.2									6.2	2.9	2.0
230-250	7.6	2.3	.2									10.1	3.6	3.0
(W) 260-280	8.9	2.6										11.5	3.3	3.0
290-310	5.4	3.3	.2									8.9	4.2	3.0
320-340	1.2	.3										1.6	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////////////////////////////	
TOTALS	44.8	12.8	1.1									100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 576

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.2										1.0	3.1	2.0
020-040	.7	.1	.1									1.0	3.4	2.0
050-070	2.8	.9										3.6	3.2	3.0
(E) 080-100	7.2	4.3	.1									11.5	4.0	4.0
110-130	7.9	5.7	1.4									15.0	4.9	4.0
140-160	1.7	1.0										2.7	3.7	3.0
(S) 170-190	1.5	.1										1.6	2.5	2.0
200-220	4.1	.4										4.5	3.0	3.0
230-250	4.5	2.2	.2									6.9	4.0	3.0
(W) 260-280	3.2	3.1	.4									6.7	4.8	5.0
290-310	3.0	3.7	.6									7.4	5.7	5.0
320-340	2.4	.7										3.1	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											35.0	////////	
TOTALS	39.7	22.4	2.8									100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 936

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.6	.3									2.9	4.0	3.0
020-040	2.4	1.4	.3									4.1	4.4	4.0
050-070	3.3	1.0	.1									4.3	3.5	3.0
(E) 080-100	3.6	4.1	.1									7.8	4.6	5.0
110-130	2.8	3.9	1.4									8.1	6.0	6.0
140-160	1.0	.8										1.8	4.3	4.0
(S) 170-190	.5	.1	.1									.6	4.3	4.0
200-220	.8	.2	.1									1.1	4.4	3.5
230-250	1.7	3.0	.9									5.6	6.3	6.0
(W) 260-280	4.0	12.9	3.4	.1								20.4	7.0	7.0
290-310	6.2	13.2	3.8	.7								23.9	6.8	6.0
320-340	4.0	3.2	.1									7.2	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											12.1	////////	
TOTALS	32.3	44.4	10.6	.8								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 1104

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT OGD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.5	.2									1.4	5.5	5.0
020-040	.4	.6	.4									1.4	7.1	7.0
050-070	.3	.3										.5	5.0	4.5
(E) 080-100	.1	.5										.5	5.5	6.0
110-130	.4	.6	.5									1.5	7.4	8.0
140-160		.2										.2	7.5	7.5
(S) 170-190	.1	.1	.1									.3	8.0	9.0
200-220	.2	.3	.4									.8	7.9	6.0
230-250	.4	1.2	1.6	.2								3.4	9.2	10.0
(W) 260-280	1.4	16.4	21.5	1.4	.1							40.9	9.7	10.0
290-310	2.4	16.9	19.9	3.2	.5	.1						43.0	9.9	10.0
320-340	1.1	3.3	.8	.1								5.3	6.9	6.5
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	7.5	40.9	45.4	4.9	.6	.1						100.0	9.3	10.0

TOTAL NUMBER OF OBSERVATIONS 1104

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.5	.2										.7	3.4	2.0
020-040	.3	.2	.2									.7	5.9	5.0
050-070	.1	.1										.2	3.5	3.5
(E) 080-100		.1										.1	6.0	6.0
110-130	.5	.5										1.0	4.9	4.5
140-160	.1	.4	.2									.7	6.9	6.0
(S) 170-190	.5	.2	.1									.8	5.4	4.0
200-220	.1	.6	.1									.8	6.4	6.0
230-250	.7	2.9	3.8	.3								7.7	9.4	10.0
(W) 260-280	1.1	23.5	24.0	2.0								50.6	9.4	10.0
290-310	.9	13.4	14.8	4.4	1.2	.4						35.1	10.7	10.0
320-340	.1	.8	.5									1.3	8.3	8.5
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	4.9	42.9	43.7	6.7	1.2	.4						100.0	9.6	10.0

TOTAL NUMBER OF OBSERVATIONS 1045

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	.3										.9	4.1	3.0
020-040	.8											.8	2.3	2.0
050-070	.2											.2	2.5	2.5
(E) 080-100	.1											.1	3.0	3.0
110-130	.7	.8										1.5	4.5	5.0
140-160	.2	.1										.3	5.3	4.0
(S) 170-190	.5	.5										.9	4.8	4.5
200-220	1.1	1.8	.6									3.5	6.0	6.0
230-250	4.3	15.9	5.1	.2								25.6	7.2	7.0
(W) 260-280	13.4	22.7	3.8	.2								40.1	5.9	6.0
290-310	2.7	9.0	4.9	1.9	.6							19.1	8.9	8.0
320-340	1.5	1.0			.1							2.6	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	26.1	52.1	14.4	2.3	.7							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1										.7	2.3	2.0
020-040	.1											.1	2.0	2.0
050-070	.5											.5	2.0	2.0
(E) 080-100	.6	.1										.7	2.2	2.0
110-130	1.0	.5	.4									1.8	5.1	3.0
140-160	.7											.7	3.0	4.0
(S) 170-190	1.2											1.2	2.2	2.0
200-220	6.8	5.3	.2									12.3	4.4	4.0
230-250	9.2	11.7	3.4									24.3	5.8	6.0
(W) 260-280	8.7	11.7	.5									20.9	5.1	5.0
290-310	3.8	5.4	2.2	.4								11.8	6.8	6.0
320-340	.6	.1										.7	3.8	4.0
VARIABLE														
CALM	////////////////////											24.1	////////	
TOTALS	33.8	34.9	6.7	.4								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 814

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	.3	.1								1.2	4.2	3.0
020-040	.8	.4	.1								1.3	4.5	4.0
050-070	1.2	.3	.0								1.6	3.3	3.0
(E) 080-100	2.2	1.4	.0								3.7	4.0	4.0
110-130	2.4	1.9	.6								4.8	5.1	5.0
140-160	.9	.4	.0								1.3	3.9	4.0
(S) 170-190	.7	.1	.0								.9	3.5	2.5
200-220	2.6	1.2	.2								4.0	4.2	4.0
230-250	3.9	5.3	2.1	.1							11.5	6.3	6.0
(W) 260-280	5.6	13.6	8.2	.6	.0						28.0	7.6	8.0
290-310	3.3	9.8	7.1	1.6	.3	.1					22.2	8.8	8.0
320-340	1.5	1.5	.2	.0	.0						3.3	5.2	5.0
VARIABLE													
CALM	////////////////////										16.2	////////	
TOTALS	25.9	36.2	18.6	2.3	.3	.1					100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 6891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.1										1.5	2.3	2.0
020-040	1.2											1.2	2.3	2.0
050-070	1.0											1.0	2.6	2.0
(E) 080-100	.8	.3										1.1	3.5	3.5
110-130	1.6	.4										2.0	3.5	3.0
140-160	1.5											1.5	1.6	2.0
(S) 170-190	.8											.8	2.2	2.0
200-220	1.9	.3	.4									2.6	4.2	3.0
230-250	2.7	6.0	2.6	.1								11.4	7.0	7.0
(W) 260-280	12.0	17.7	5.6	.3								35.5	6.2	6.0
290-310	4.1	7.6	3.3	.8								15.8	7.1	7.0
320-340	1.6	.7										2.3	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											23.4	////////////////////////////////	
TOTALS	30.6	33.1	11.9	1.2								100.0	4.5	6.0

TOTAL NUMBER OF OBSERVATIONS 736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														6.0
020-040	.5											.5	1.5	1.5
050-070	1.0											1.0	2.3	2.0
(E) 080-100	.5											.5	3.5	3.5
110-130	.2											.2	2.0	2.0
140-160	.5											.5	2.0	2.0
(S) 170-190	1.0											1.0	2.0	2.0
200-220	5.1	1.0	.2									6.3	3.5	2.5
230-250	12.4	13.1	2.2									27.7	5.4	5.0
(W) 260-280	17.5	10.4	.5									28.4	4.3	4.0
290-310	5.3	6.1	2.4									13.8	6.2	5.0
320-340	.5											.5	2.0	2.0
VARIABLE														
CALM	////////////////////											19.7	////////	
TOTALS	44.5	30.6	5.3									100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 412

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.2											.2	2.0	2.0
020-040	.3											.3	3.5	3.5
050-070	.5											.5	1.3	1.0
(E) 080-100	1.3											1.3	2.3	2.0
110-130	2.3	.5										2.8	2.6	2.0
140-160	1.8											1.8	2.5	2.0
(S) 170-190	2.0											2.0	1.9	2.0
200-220	4.6	.3										5.0	2.5	2.0
230-250	14.8	5.6	.7									21.1	3.9	3.0
(W) 260-280	18.4	7.3										25.7	3.7	3.0
290-310	3.6	4.5	1.0									9.1	5.6	5.0
320-340	1.0	.3										1.3	3.5	2.5
VARIABLE														
CALM	////////////////////											28.9	////////	
TOTALS	50.8	18.5	1.7									100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 603

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54				GE 65
N) 350-010	1.1	.1										1.1	2.8	2.5
020-040	1.1											1.1	1.9	2.0
050-070	1.5	.1										1.6	2.4	2.0
E) 080-100	3.9	1.0										4.9	3.1	3.0
110-130	5.1	1.5										6.6	3.5	3.0
140-160	1.3	.2										1.5	2.8	2.0
S) 170-190	.9	.2										1.1	3.1	3.0
200-220	3.7	.9										4.6	3.0	3.0
230-250	5.8	5.3	.9									12.0	4.9	5.0
W) 260-280	11.0	10.0	1.1									22.2	5.1	5.0
290-310	5.0	4.7	2.6									12.2	6.0	5.0
320-340	1.8	1.1	.1									3.1	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											28.0	////////////////////////////////	
TOTALS	42.2	25.1	4.7									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 1046

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.1										1.1	2.7	2.0
020-040	1.4	.5										1.9	3.2	3.0
050-070	1.8											1.8	2.8	2.5
(E) 080-100	2.0	.6										2.6	3.6	3.0
110-130	.9	.5	.1									1.5	4.4	4.0
140-160	.4	.3										.6	4.6	4.0
(S) 170-190	.2											.2	1.5	1.5
200-220	.3	.1										.4	3.5	2.5
230-250	1.9	3.6	1.0									6.5	6.3	7.0
(W) 260-280	6.8	23.4	11.0	.5								41.7	7.5	7.0
290-310	6.6	17.0	5.9	1.3	.1							31.0	7.4	7.0
320-340	2.6	1.9	.1									4.6	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTALS	25.9	48.0	18.1	1.8	.1							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 1098

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	.3	.4										.6	4.6	5.0
020-040		.1										.1	7.0	7.0
050-070		.1										.1	7.0	7.0
E) 080-100														
110-130														
140-160		.1										.1	9.0	9.0
S) 170-190	.1											.1	2.0	2.0
200-220	.2	.1	.1									.4	6.3	5.0
230-250	.2	1.0	2.9	.4								4.5	10.9	11.0
W) 260-280	.8	16.1	36.8	2.9	.2	.1						56.9	10.6	10.0
290-310	1.0	11.7	19.6	2.1	.7							35.1	10.3	10.0
320-340	.2	1.4	.5									2.1	7.7	7.0
VARIABLE														
CALM	////////////////////											.1	////////	
TOTALS	2.8	31.0	59.9	5.4	.9	.1						100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 1098

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010		.4										.4	7.0	6.5
020-040	.1	.1										.2	3.0	3.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250	.3	3.7	5.3	.3								9.7	10.1	10.0
(W) 260-280	1.1	21.4	37.5	4.2	.2							64.5	10.3	10.0
290-310	.5	6.7	12.1	4.0	.7							24.0	11.4	11.0
320-340		1.0	.1									1.1	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	2.0	33.3	55.0	8.5	.9							100.0	10.5	10.0

TOTAL NUMBER OF OBSERVATIONS 991

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	.4	.6										1.0	4.5	5.0
020-040	.2											.2	2.0	2.0
050-070														
E) 080-100	.1											.1	4.0	4.0
110-130	.1											.1	2.0	2.0
140-160														
S) 170-190														
200-220	.6	1.5	.2									2.4	6.4	6.5
230-250	3.0	18.7	10.7	.2								32.6	8.3	8.0
W) 260-280	7.0	25.1	11.5	.4								44.0	7.6	8.0
290-310	2.1	5.5	6.0	1.2	.4							15.1	9.5	9.0
320-340	1.7	.8	.6									3.1	5.7	4.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	15.2	52.2	29.0	1.8	.4							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.9											.9	2.2	2.0
020-040		.3										.3	6.0	6.0
050-070	.3											.3	1.5	1.5
(E) 080-100														
110-130	.1											.1	3.0	3.0
140-160														
(S) 170-190	.3	.3										.6	3.8	3.5
200-220	2.3	3.5	.4									6.2	5.7	6.0
230-250	6.5	17.3	9.7									33.5	7.4	7.5
(W) 260-280	9.7	18.8	3.5	.3								32.2	6.0	6.0
290-310	5.2	4.6	3.2	.1								13.2	6.4	5.0
320-340	1.9	.3										2.2	3.0	2.0
VARIABLE														
CALM	////////////////////											10.5	////////	
TOTALS	27.2	45.1	16.8	.4								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 692

REPORTING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
) 350-010	.5	.2										.7	3.5	3.0
020-040	.5	.1										.6	2.9	2.0
050-070	.7	.0										.7	2.5	2.0
) 080-100	1.1	.3										1.3	3.2	3.0
110-130	1.2	.4	.0									1.6	3.5	3.0
140-160	.5	.1										.5	3.2	2.0
) 170-190	.4	.1										.5	2.5	2.0
200-220	1.7	.8	.1									2.6	4.1	4.0
230-250	4.4	7.5	4.1	.1								16.0	7.0	7.0
) 260-280	7.7	17.4	15.2	1.2	.1	.0						41.6	8.2	8.0
290-310	3.5	8.3	7.6	1.3	.3							21.0	8.7	9.0
320-340	1.2	1.0	.2									2.5	5.0	4.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	23.4	36.2	27.2	2.6	.4							100.0	6.8	8.0

TOTAL NUMBER OF OBSERVATIONS 6780

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.2										.7	3.4	3.0
020-040	1.0	.2										1.3	3.1	3.0
050-070	.6											.6	2.4	2.5
(E) 080-100	1.2											1.2	2.3	2.0
110-130	.9	.2										1.0	2.6	2.0
140-160	.8	.1										.9	3.1	3.0
(S) 170-190	.6											.6	1.9	2.0
200-220	1.5	.4										1.9	3.0	2.0
230-250	5.5	8.1	3.1	.2								16.9	6.4	6.0
(W) 260-280	12.2	21.0	12.0	.2								45.5	7.1	7.0
290-310	4.4	7.5	3.5	.1								15.6	6.6	7.0
320-340	2.2	.6	.1									2.9	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////	
TOTALS	31.5	38.3	18.7	.5								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 1260

STATION LOCATION "A"
 KMAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
 LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
 MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
050-010	1.2											1.2	1.6	1.0
020-040	1.2											1.2	1.8	2.0
050-070	.2											.2	3.0	3.0
080-100	1.2											1.2	1.6	2.0
110-130	1.2											1.2	2.4	2.0
140-160	1.4											1.4	1.7	1.5
170-190	.2											.2	2.0	2.0
000-220	3.8	1.0										4.8	3.5	3.5
030-250	15.6	19.4	1.4									36.4	5.1	5.0
060-280	14.1	8.9	.5									23.4	4.2	4.0
090-310	5.3	1.7										6.9	3.1	3.0
120-340	2.9											2.9	2.4	2.5
DIAGNOSTIC														
ALM	////////////////////											18.9	////////	
TPLS	48.3	31.0	1.9									100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 418

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	2.4	2.0
020-040	1.1											1.1	2.3	3.0
050-070	1.5											1.5	2.3	2.0
(E) 080-100	2.0											2.0	2.3	2.0
110-130	1.5											1.5	2.1	2.0
140-160	.8											.8	1.8	2.0
(S) 170-190	.7											.7	1.8	2.0
200-220	4.9	1.1										6.0	2.9	2.0
230-250	15.4	8.5	.5									24.4	4.1	4.0
(W) 260-280	18.5	5.4	.3									24.2	3.5	3.0
290-310	3.3	1.5										4.7	3.9	4.0
320-340	1.0	.3										1.3	2.9	2.0
VARIABLE														
CALM	////////////////////											30.7	////////	
TOTALS	51.8	16.8	.8									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 615

ING LOCATION "A"
AC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

W NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
0-010	.5											.5	2.4	2.0
0-040	1.3	.1										1.4	2.3	2.0
0-070	1.3											1.3	2.3	2.0
0-100	2.8	.4										3.1	3.0	3.0
0-130	2.5	.7										3.1	3.5	3.0
0-160	.6	.2										.8	3.0	2.5
0-190	.6											.6	1.8	2.0
0-220	2.7	.4										3.0	3.1	3.0
0-250	10.6	7.4	1.1									19.2	4.8	4.0
0-280	12.6	8.3	1.0									22.0	4.3	4.0
0-310	7.3	4.0	.2									11.5	4.1	4.0
0-340	1.4	.2										1.6	2.7	2.0
.....														
TABLE														
LM	////////////////////////////////////											31.9	////////	
ALS	44.2	21.7	2.3									100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 1054

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	.4										1.2	3.8	3.0
020-040	.8	.1										.9	3.1	3.0
050-070	.5	.2										.7	3.3	3.0
(E) 080-100	.5	.3										.8	3.0	3.0
110-130	.6	.4										1.0	4.1	4.0
140-160	.1											.1	1.0	1.0
(S) 170-190														
200-220	.1	.3										.4	4.5	5.0
230-250	2.8	4.4	1.3	.1								8.5	6.4	6.0
(W) 260-280	9.1	25.5	11.4	.1								46.1	7.2	7.0
290-310	10.4	14.4	3.8	.2								28.8	6.1	6.0
320-340	1.5	2.4	.2									4.1	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											7.4	////////////////////////////////	
TOTALS	27.2	48.4	16.7	.4								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1101

WIND LOCATION "A"
 MC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

NUMBER: 690070 STATION NAME: FORT ORD/FRITZCHE AAF CA PERIOD OF RECORD: AUG 76 - JUL 91
 LST TO UTC: + 8 MONTH: JUN HOURS: 15-17

WIND DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
010	.1	.1										.2	6.0	6.0
040														
070														
100														
130														
160														
190														
220		.4	.1									.5	7.6	8.0
250	.2	4.8	7.6	.8								13.4	10.0	10.0
280	1.2	24.7	35.0	1.3								62.2	9.9	10.0
310	.2	8.5	12.0	1.1	.4							22.2	10.4	10.0
340	.3	.5	.6									1.4	7.6	7.0
.....														
WIND SPEED	////////////////////////////////////											.1	////////////////////////////////	
WIND DIRECTION	2.0	39.0	55.3	3.2	.4							100.0	9.9	10.0
TOTAL NUMBER OF OBSERVATIONS 1007														
.....														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.2										.2	7.5	7.5
020-040	.1	.1	.1									.4	5.7	6.0
050-070														
(E) 080-100	.1											.1	2.0	2.0
110-130														
140-160														
(S) 170-190														
200-220	.1	1.3	.1									1.5	7.2	8.0
230-250	2.3	15.3	16.1	.5								34.3	9.1	9.0
(W) 260-280	6.7	27.0	10.5	.8								45.0	7.5	8.0
290-310	2.7	9.6	2.3									14.6	6.8	6.0
320-340	.8	.8	.5									2.1	6.1	5.5
VARIABLE														
CALM	////////////////////////////////////											1.8	////////	
TOTALS	12.8	54.3	29.6	1.3								100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4											.4	2.7	2.0
020-040	.1											.1	2.0	2.0
050-070														
(E) 080-100	.1											.1	1.0	1.0
110-130	.3											.3	1.0	1.0
140-160	.4											.4	2.3	2.0
(S) 170-190		.1										.1	5.0	5.0
200-220	.4	1.0	.3									1.7	6.4	6.0
230-250	6.1	25.4	13.2	.3								45.0	7.7	8.0
(W) 260-280	13.6	13.5	1.1	.1								28.4	5.0	5.0
290-310	6.3	3.4	.1									9.8	3.8	4.0
320-340	2.0	.7										2.7	3.6	4.0
VARIABLE														
CALM	////////////////////											10.8	////////	
TOTALS	29.7	44.1	14.7	.4								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 704

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.2	.0									.6	3.7	2.0
020-040	.5	.1	.0									.6	2.8	2.0
050-070	.5	.0										.5	2.5	2.0
(E) 080-100	.8	.1										.9	2.7	2.0
110-130	.7	.2										.9	3.2	3.0
140-160	.3	.0										.3	2.2	2.0
(S) 170-190	.2	.0										.2	2.3	2.0
200-220	1.2	.6	.1									1.8	4.1	4.0
230-250	5.4	9.3	5.4	.3								20.3	7.1	7.0
(W) 260-280	8.4	18.0	14.8	.7								41.9	7.9	8.0
290-310	4.6	7.8	5.6	.4	.1							18.4	7.5	7.0
320-340	1.1	.9	.2									2.2	5.1	5.0
VARIABLE														
CALM	////////////////////											11.3	////////	
TOTALS	24.2	37.2	26.1	1.4	.1							100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 6855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.0										1.0	2.6	2.0
020-040	.9	.1										.9	2.8	2.5
050-070	.6											.6	2.3	2.0
(E) 080-100	.9	.0										.9	2.3	2.0
110-130	.5	.0										.5	3.1	3.0
140-160	.3											.3	2.0	2.0
(S) 170-190	.3											.3	2.1	2.0
200-220	1.6	.5	.0									2.1	3.8	4.0
230-250	7.1	9.6	2.6	.1								19.4	6.0	6.0
(W) 260-280	12.5	19.9	8.5	.0								40.9	6.5	6.0
290-310	6.8	8.0	1.7									16.5	5.5	5.0
320-340	1.9	.6	.1									2.7	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////////////////////////////	
TOTALS	34.3	38.7	12.9	.1								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2113

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7											.7	3.3	4.0
020-040														
050-070	.5											.5	1.0	1.0
(E) 080-100	.2											.2	2.0	2.0
110-130	.5											.5	2.0	2.0
140-160														
(S) 170-190	1.5											1.5	1.8	1.5
200-220	4.2	.7										4.9	2.8	2.0
230-250	13.0	13.3	1.0									27.3	4.8	5.0
(W) 260-280	18.9	13.8	1.0									33.7	4.3	4.0
290-310	5.9	.7										6.6	2.5	2.0
320-340	1.7											1.7	1.9	2.0
VARIABLE														
CALM	////////////////////////////////////											22.4	////////////////////////////////	
TOTALS	47.1	28.5	2.0									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 407

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	1.4	1.0
020-040	.8	.2										1.0	2.3	1.5
050-070	.6											.6	1.8	2.0
(E) 080-100	.8											.8	2.6	3.0
110-130	.8											.8	2.6	2.0
140-160	.8											.8	1.6	2.0
(S) 170-190	1.8											1.8	2.4	2.0
200-220	6.8	1.0										7.8	3.1	3.0
230-250	14.8	8.0	.5									23.2	4.0	3.0
(W) 260-280	16.9	7.0	.5									24.4	3.7	3.0
290-310	4.0	.3										4.3	2.5	2.0
320-340	1.1											1.1	1.7	2.0
VARIABLE														
CALM	////////////////////////////////////											32.2	////////	
TOTALS	50.5	16.5	1.0									100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.1											1.1	1.8	2.0
020-040	1.0											1.0	1.9	2.0
050-070	2.0	.1										2.1	2.2	2.0
(E) 080-100	1.7	.9										2.6	3.7	3.0
110-130	2.3	.2										2.5	2.8	2.5
140-160	1.1											1.1	2.9	3.0
(S) 170-190	1.2											1.2	2.2	2.0
200-220	3.3	.4										3.7	2.9	3.0
230-250	11.0	6.4	.4									17.7	4.4	4.0
(W) 260-280	12.1	8.6	.5									21.1	4.2	4.0
290-310	5.3	1.6	.1									7.0	3.5	3.0
320-340	1.3	.1										1.4	2.6	2.0
VARIABLE														
CALM	////////////////////											37.6	////////	
TOTALS	43.4	18.3	1.0									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 1037

OPERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	1.5	.2										1.7	2.7	2.0
020-040	.9	.1										1.0	2.3	2.0
050-070	1.0											1.0	2.2	2.0
E) 080-100	.9	.5										1.4	3.7	2.0
110-130	.1											.1	3.0	3.0
140-160	.2											.2	1.5	1.5
S) 170-190	.2											.2	2.5	2.5
200-220	.5	.1										.6	3.0	2.5
230-250	3.1	4.4	.6									8.2	5.5	5.0
W) 260-280	8.1	27.3	7.1									42.5	6.8	7.0
290-310	8.2	20.5	2.3									31.0	6.1	6.0
320-340	2.4	1.6	.1									4.1	4.1	4.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	27.1	54.7	10.1									100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 1084

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.1										.3	4.7	4.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250		1.0	1.5	.2								2.7	10.5	10.0
(W) 260-280	.3	20.4	36.6	.3								57.6	10.1	10.0
290-310	.6	13.3	23.2	.3								37.4	9.8	10.0
320-340	.3	.9	.3									1.5	7.6	8.0
VARIABLE														
CALM	////////////////////											.6	////////	
TOTALS	1.4	35.7	61.6	.8								100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 1084

REPORTING LOCATION "A"
AFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
) 350-010														
020-040														
050-070														
) 080-100														
110-130														
140-160														
) 170-190														
200-220														
230-250		2.7	7.8	.5								11.0	10.7	10.0
) 260-280	.4	26.1	31.1	1.1								58.8	9.7	10.0
290-310	.1	10.7	17.8	.3								29.0	9.9	10.0
320-340		.5	.7									1.2	8.7	10.0
VARIABLE														
CALM	////////////////////											.1	////////	
TOTALS	.5	40.0	57.4	1.9								100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 977

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1											.1	3.0	3.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220		.1										.1	6.0	6.0
230-250	1.2	12.9	15.1	1.1								30.2	9.4	10.0
(W) 260-280	5.1	31.4	5.3	.1								41.9	7.0	7.0
290-310	5.2	17.8	1.9									24.9	6.1	6.0
320-340	1.1	1.4										2.5	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	12.7	63.6	22.3	1.2								100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 830

REPORTING LOCATION "A"
WETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
350-010	.7											.7	2.4	2.0
020-040	.4											.4	1.7	2.0
050-070														
080-100														
110-130														
140-160														
170-190														
200-220	.4	2.3	.1									2.9	5.7	6.0
230-250	4.4	19.9	13.4	.4								38.1	8.3	8.0
260-280	15.9	13.9	1.9									31.7	4.9	4.0
290-310	11.2	5.0		.1								16.4	3.6	4.0
320-340	2.8	.6										3.4	2.9	3.0
VARIABLE														
CALM	////////////////////											6.4	////////	
TOTALS	35.8	41.7	15.4	.5								100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.0										.7	2.4	2.0
020-040	.4	.0										.4	2.1	2.0
050-070	.6	.0										.6	2.1	2.0
(E) 080-100	.5	.2										.7	3.5	3.0
110-130	.5	.0										.5	2.7	2.5
140-160	.3											.3	2.4	2.0
(S) 170-190	.5											.5	2.2	2.0
200-220	1.5	.5	.0									2.0	3.4	3.0
230-250	5.0	7.4	4.9	.3								17.5	7.1	7.0
(W) 260-280	8.2	19.6	12.6	.2								40.6	7.5	8.0
290-310	4.8	10.0	6.9	.1								21.8	7.4	8.0
320-340	1.2	.7	.2									2.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////	
TOTALS	24.2	38.4	24.6	.6								100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 6732

REPORTING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATIONS

REPORT NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
 LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
 MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
350-010	1.0	.0										1.0	2.2	2.0
020-040	.8	.0										.8	2.0	2.0
050-070	.4											.4	2.1	2.0
080-100	.3											.3	2.3	2.0
110-130	.4											.4	2.4	2.0
140-160	.4											.4	2.1	2.0
170-190	.6											.6	2.2	2.0
200-220	1.4	.2										1.6	2.8	2.0
230-250	5.5	6.7	2.6	.1								14.9	6.2	6.0
260-280	10.2	20.9	8.4	.1								39.5	6.7	7.0
290-310	6.3	11.3	4.9	.0								22.5	6.6	6.0
320-340	1.8	.8	.1									2.6	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	29.1	39.9	16.0	.2								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 2914

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.0	2.0
020-040	.3											.3	1.0	1.0
050-070	.3											.3	3.0	3.0
(E) 080-100		.3										.3	5.0	5.0
110-130	.3											.3	1.0	1.0
140-160	.3											.3	1.0	1.0
(S) 170-190	.5											.5	2.0	2.0
200-220	3.6											3.6	1.9	1.5
230-250	17.4	13.2										30.6	4.2	4.0
(W) 260-280	19.4	9.1										28.5	3.8	3.0
290-310	5.7											5.7	2.4	2.0
320-340	1.0											1.0	2.3	2.0
VARIABLE														
CALM	////////////////////											28.2	////////	
TOTALS	49.3	22.6										100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 386

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070	.3											.3	1.5	1.5
(E) 080-100	1.0											1.0	2.5	2.0
110-130	2.0											2.0	1.9	2.0
140-160	1.7											1.7	2.1	2.0
(S) 170-190	1.4											1.4	2.0	2.0
200-220	5.9											5.9	2.6	2.0
230-250	16.3	3.9										20.2	3.4	3.0
(W) 260-280	14.9	4.1										19.0	3.2	3.0
290-310	6.1	.2										6.3	1.9	2.0
320-340	1.5											1.5	1.7	2.0
VARIABLE														
CALM	////////////////////											40.7	////////	
TOTALS	51.1	8.2										100.0	1.7	2.5

TOTAL NUMBER OF OBSERVATIONS 590

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	1.7	2.0
020-040	.7											.7	1.9	2.0
050-070	1.2											1.2	2.0	2.0
(E) 080-100	3.0	.4										3.3	2.6	2.0
110-130	4.1	.8										5.0	3.1	3.0
140-160	1.9	.3										2.2	3.0	2.5
(S) 170-190	1.5											1.5	1.8	2.0
200-220	3.9	.1										4.0	2.4	2.0
230-250	10.8	4.9	.3									16.0	3.9	4.0
(W) 260-280	10.6	3.5	.3									14.3	3.8	4.0
290-310	5.2	.5	.1									5.9	2.9	3.0
320-340	1.4	.1										1.5	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											43.9	////////////////////////////////	
TOTALS	44.8	10.6	.7									100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 1109

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	1.6	2.0
020-040	1.1											1.1	1.9	2.0
050-070	1.5	.2										1.6	2.4	2.0
(E) 080-100	1.0	.3										1.3	3.5	3.0
110-130	.9	.3										1.2	3.5	4.0
140-160	.1	.1										.2	6.5	6.5
(S) 170-190	.3											.3	1.8	2.0
200-220	.1	.2										.3	5.3	5.0
230-250	3.5	2.8	.3									6.7	4.8	4.0
(W) 260-280	12.3	23.1	3.4									38.7	5.9	6.0
290-310	11.6	18.7	1.2									31.4	5.4	6.0
320-340	3.3	1.6										5.0	3.9	4.0
VARIABLE														
CALM	////////////////////											11.6	////////	
TOTALS	36.3	47.3	4.9									100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 1167

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.1	.1										.2	4.5	4.5
020-040	.1	.1										.2	5.5	5.5
050-070	.1	.1										.2	5.0	5.0
(E) 080-100														
110-130	.1											.1	4.0	4.0
140-160														
(S) 170-190														
200-220														
230-250	.1	.8	1.3	.1								2.2	9.7	10.0
(W) 260-280	1.0	22.9	29.7	.4								54.1	9.6	10.0
290-310	.6	17.9	21.9	.3	.1							40.8	9.5	10.0
320-340	.3	.9	.6									1.8	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	2.4	42.8	53.5	.8	.1							100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 1168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010														
020-040	.1											.1	1.0	1.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220		.7										.7	7.5	8.0
230-250	1.7	18.7	9.0	.1								29.4	8.2	8.0
(W) 260-280	9.4	31.1	4.1									44.7	6.4	6.0
290-310	5.2	14.0	1.7									20.9	5.9	6.0
320-340	.7	2.1	.2									3.0	6.1	6.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	17.1	66.6	15.0	.1								100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.1											.1	2.0	2.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	.3											.3	2.0	2.0
200-220	1.3	1.6	.3									3.2	4.9	5.0
230-250	8.1	21.4	7.8									37.3	7.1	7.0
(W) 260-280	16.8	12.8	1.2									30.8	4.7	4.0
290-310	9.4	2.7										12.1	3.5	3.0
320-340	2.9	.3										3.2	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////////////////////////////	
TOTALS	38.9	38.8	9.3									100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.0										.3	2.0	2.0
020-040	.3	.0										.4	2.3	2.0
050-070	.5	.0										.5	2.4	2.0
(E) 080-100	.7	.1										.8	2.9	2.0
110-130	1.0	.2										1.2	3.0	3.0
140-160	.5	.1										.5	2.9	2.0
(S) 170-190	.5											.5	1.8	2.0
200-220	1.4	.3	.0									1.8	3.2	3.0
230-250	5.7	7.6	2.9	.0								16.2	6.3	6.0
(W) 260-280	9.1	18.5	10.6	.1								38.3	7.2	8.0
290-310	5.3	10.1	6.3	.2	.0							21.9	7.2	8.0
320-340	1.4	.8	.2									2.4	4.7	4.0
VARIABLE														
CALM	////////////////////											15.2	////////	
TOTALS	26.6	37.7	20.0	.3								100.0	5.6	7.0

TOTAL NUMBER OF OBSERVATIONS 7045

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3											.3	1.7	2.0
020-040	.3											.3	1.6	2.0
050-070	.3	.1										.4	2.8	2.0
(E) 080-100	.7	.0										.7	2.4	2.0
110-130	.9	.1										1.0	2.5	2.0
140-160	.6	.0										.7	2.4	2.0
(S) 170-190	.8											.8	2.1	2.0
200-220	1.5	.1										1.6	2.8	3.0
230-250	7.1	6.5	1.7	.1								15.4	5.4	5.0
(W) 260-280	12.5	19.5	5.8	.0								37.8	6.2	6.0
290-310	6.9	10.5	3.6	.0								21.1	6.3	6.0
320-340	1.8	.4	.0									2.3	3.4	3.0
VARIABLE														
CALM	////////////////////											17.6	////////	
TOTALS	33.7	37.2	11.1	.1								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 2878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														5.0
020-040	.6											.6	2.5	2.5
050-070	.3											.3	1.0	1.0
(E) 080-100	2.9											2.9	3.0	3.5
110-130	4.7	.9										5.5	2.5	2.0
140-160	.6	.3										.9	3.0	2.0
(S) 170-190	1.2											1.2	1.3	1.0
200-220	4.4	.6										4.9	2.5	2.0
230-250	12.2	5.5										17.7	3.6	3.0
(W) 260-280	12.2	3.8	.9									16.9	3.8	3.0
290-310	4.4	.9										5.2	2.7	2.0
320-340														
VARIABLE														
CALM	////////////////////											43.9	////////	
TOTALS	43.5	12.0	.9									100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 344

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.7											.7	2.3	2.5
050-070	.9											.9	2.0	2.0
(E) 080-100	3.7	.2										3.9	2.6	2.0
110-130	4.2	.6	.4									5.2	3.4	2.0
140-160	2.0											2.0	1.8	2.0
(S) 170-190	.6											.6	2.3	2.0
200-220	4.1	.6										4.6	2.7	2.0
230-250	11.0	2.9										14.0	3.3	3.0
(W) 260-280	9.4	3.1										12.5	3.2	3.0
290-310	3.9	.2										4.1	2.4	2.0
320-340	.7											.7	1.8	2.0
VARIABLE														
CALM	////////////////////											50.8	////////	
TOTALS	41.2	7.6	.4									100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 543

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
<hr/>														
1) 350-010	1.0	.2										1.2	2.5	2.0
020-040	.5											.5	2.6	3.0
050-070	2.3											2.3	2.2	2.0
2) 080-100	9.1	3.2										12.4	3.5	3.0
110-130	9.1	2.6	.1									11.8	3.4	3.0
140-160	2.1	.1										2.2	2.3	2.0
3) 170-190	.8											.8	2.5	2.0
200-220	3.6	.3										3.9	2.8	3.0
230-250	7.0	1.7										8.6	3.5	3.0
4) 260-280	5.9	2.6	.3									8.8	3.9	4.0
290-310	3.4	.6										4.0	3.0	3.0
320-340	1.7											1.7	2.0	2.0
<hr/>														
VARIABLE														
CALM	////////////////////////////////////											41.9	////////	
TOTALS	46.5	11.3	.4									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 1019

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.2										1.9	2.5	2.0
020-040	2.8	.7										3.4	3.0	2.0
050-070	5.5	.9										6.4	2.7	2.0
(E) 080-100	5.3	2.6	.1									8.0	4.0	4.0
110-130	5.0	2.7										7.7	4.0	4.0
140-160	.5											.5	2.2	2.0
(S) 170-190	.1		.1									.2	7.0	7.0
200-220	1.0											1.0	2.7	2.0
230-250	2.2	3.2	.3									5.7	5.2	5.0
(W) 260-280	9.0	13.3	1.1									23.5	5.4	5.0
290-310	10.9	13.0	.7									24.6	5.0	5.0
320-340	3.4	2.0										5.4	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											11.7	////////////////////////////////	
TOTALS	47.4	38.6	2.3									100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1074

REPORTING LOCATION "A"
WETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
350-010	.2	.2										.4	5.3	5.5
020-040	.3	.1										.4	3.5	2.0
050-070	.1	.1										.2	4.5	4.5
080-100	.4	.3										.7	4.3	4.0
110-130	.1	.1										.2	5.5	5.5
140-160	.2	.2										.4	5.0	5.0
170-190			.1									.1	11.0	11.0
200-220		.2										.2	7.5	7.5
230-250	.1	2.0	1.1									3.2	8.5	8.0
260-280	1.8	27.6	20.2	.3	.1							49.9	8.8	9.0
290-310	1.9	23.6	14.9	.5	.1							41.0	8.7	9.0
320-340	.7	2.0	.1	.1								2.8	6.4	6.0
VARIABLE														
CALM	////////////////////											.7	////////	
TOTALS	5.8	56.4	36.4	.9	.2							100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 1074

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.2	.2										.4	4.5	4.5
020-040	.3											.3	2.3	3.0
050-070														
(E) 080-100														
110-130	.1	.4										.5	5.8	6.0
140-160	.2	.1										.3	3.7	2.0
(S) 170-190														
200-220														
230-250	.8	4.9	4.5									10.2	8.5	9.0
(W) 260-280	4.1	35.7	18.8	.5								59.0	8.3	8.0
290-310	1.1	15.0	10.1	.5	.1							26.8	8.9	9.0
320-340	.1	1.0	.4									1.6	8.4	8.0
VARIABLE														
CALM	////////////////////											.8	////////	
TOTALS	6.9	57.3	33.8	1.0	.1							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 962

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	1.8	2.0
020-040	.1	.1										.2	5.0	5.0
050-070	.2											.2	1.0	1.0
(E) 090-100	.1											.1	3.0	3.0
110-130	.4	.2										.6	3.8	3.0
140-160	.2											.2	2.0	2.0
(S) 170-190	.4											.4	1.7	2.0
200-220	1.5	1.0	.1									2.6	4.5	4.0
230-250	7.3	15.5	6.0									28.8	6.7	7.0
(W) 260-280	16.0	20.1	1.8									37.9	5.0	5.0
290-310	7.4	9.0	.6									17.0	5.2	5.0
320-340	2.0	1.2										3.2	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											8.0	////////////////////////////////	
TOTALS	36.2	47.1	8.5									100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 812														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.7	2.0
020-040		.2										.2	5.0	5.0
050-070	.2											.2	2.0	2.0
(E) 080-100	.2											.2	2.0	2.0
110-130	1.3											1.3	2.3	2.0
140-160	.7											.7	2.3	2.0
(S) 170-190	.5											.5	2.7	2.0
200-220	3.8	2.3										6.1	4.0	3.0
230-250	11.1	11.8	2.8	.2								25.9	5.6	5.0
(W) 260-280	15.7	5.9	.7									22.3	3.9	4.0
290-310	7.5	2.9										10.5	3.6	3.0
320-340	2.0	.5										2.5	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											29.5	////////////////////////////////	
TOTALS	43.5	23.6	3.5	.2								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1										.7	2.9	2.0
020-040	.7	.2										.9	3.0	3.0
050-070	1.4	.2										1.6	2.6	2.0
(E) 080-100	2.9	1.0	.0									3.9	3.6	3.0
110-130	3.1	1.1	.0									4.2	3.6	3.0
140-160	.8	.1										.8	2.5	2.0
(S) 170-190	.3		.0									.4	2.9	2.0
200-220	1.9	.5	.0									2.4	3.3	3.0
230-250	5.2	5.5	1.9	.0								12.6	5.8	5.0
(W) 260-280	8.3	16.1	6.8	.1	.0							31.3	6.8	7.0
290-310	5.0	9.9	4.2	.2	.0							19.3	6.9	7.0
320-340	1.5	1.0	.1	.0								2.6	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											19.3	////////////////////////////////	
TOTALS	31.7	35.7	13.0	.3								100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 6439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	2.0	2.0
020-040	.5	.1										.6	2.7	2.0
050-070	1.1	.1										1.2	2.2	2.0
(E) 080-100	1.8	.2										2.0	2.6	2.0
110-130	2.6	.4	.1									3.1	2.6	2.0
140-160	1.1											1.1	1.9	2.0
(S) 170-190	.3											.3	2.6	2.0
200-220	1.8	.2										2.0	2.6	2.0
230-250	6.0	3.9	1.1									10.9	5.0	4.0
(W) 260-280	12.8	17.4	4.3	.1								34.6	5.8	6.0
290-310	8.6	9.1	2.4	.1								20.2	5.6	5.0
320-340	2.0	.9	.1									2.9	3.7	2.0
VARIABLE														
CALM	////////////////////////////////////											20.6	////////////////////////////////	
TOTALS	39.2	32.3	8.0	.2								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 1628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														5.0
020-040														
050-070	.9											.9	2.3	2.0
(E) 080-100	2.3	.6										2.8	2.7	2.0
110-130	4.0											4.0	2.6	2.0
140-160	2.6											2.6	2.0	2.0
(S) 170-190	1.1											1.1	2.0	1.5
200-220	4.3											4.3	2.1	2.0
230-250	7.7	4.5	.3									12.5	4.0	3.0
(W) 260-280	8.2	3.7										11.9	3.9	4.0
290-310	5.1	1.4	.3									6.8	3.4	2.0
320-340	.9											.9	3.3	4.0
VARIABLE														
CALM	////////////////////											52.3	////////	
TOTALS	37.1	10.2	.6									100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 352

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.4	.2										.5	3.7	3.0
050-070	2.2	.2										2.4	2.5	2.0
(E) 080-100	5.4	4.4										9.8	4.0	4.0
110-130	9.8	1.6										11.4	2.8	2.0
140-160	2.9	.5	.2									3.6	3.2	2.0
(S) 170-190	1.1											1.1	2.5	2.5
200-220	4.0											4.0	2.1	2.0
230-250	4.5	1.8										6.4	3.4	2.0
(W) 260-280	5.4	2.0	.5									8.0	3.9	3.0
290-310	2.4	1.1	.2									3.6	3.8	3.0
320-340	.9											.9	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											48.3	////////	
TOTALS	39.0	11.8	.9									100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 551

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.2											.2	1.0	1.0
020-040	.9	.2										1.0	3.2	3.0
050-070	4.7	.6										5.2	2.6	2.0
(E) 080-100	12.3	6.8	.5									19.5	4.2	4.0
110-130	10.9	4.8	.7	.1								16.5	4.2	4.0
140-160	3.0	.5										3.5	3.0	2.0
(S) 170-190	.6											.6	2.2	2.0
200-220	2.3	.1										2.4	2.6	2.0
230-250	3.4	1.1										4.6	3.2	3.0
(W) 260-280	3.7	.6	.3									4.6	3.7	3.0
290-310	2.1	.5										2.6	3.2	2.0
320-340	.6											.6	1.5	1.0
VARIABLE														
CALM	////////////////////											38.8	////////	
TOTALS	44.7	15.2	1.5	.1								100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 1051

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.2	.1									2.3	3.2	3.0
020-040	2.7	.8	.1									3.6	3.2	3.0
050-070	4.7	1.5										6.2	3.4	3.0
(E) 080-100	8.8	8.2	.8									17.8	4.9	5.0
110-130	7.0	9.0	1.0									17.0	5.2	5.0
140-160	1.5	.4										1.9	3.2	3.0
(S) 170-190	.2		.1									.3	4.3	2.0
200-220	.5	.1										.6	2.4	2.0
230-250	3.2	1.9	.1									5.2	4.0	4.0
(W) 260-280	5.3	5.5	.6									11.5	5.0	5.0
290-310	6.0	5.5	.6	.1								12.2	4.9	5.0
320-340	2.8	.7	.1									3.6	3.3	2.0
VARIABLE														
CALM	////////////////////											18.0	////////	
TOTALS	44.7	33.8	3.5	.1								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 1124

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.7	.2										.9	4.2	4.0
020-040	1.2	.1	.1									1.3	3.7	3.0
050-070	1.2	.5										1.7	3.7	4.0
(E) 080-100	1.0	.5	.1									1.6	4.6	4.0
110-130	.4	1.2	.4									2.0	6.9	6.0
140-160	.3	.3										.5	4.5	4.0
(S) 170-190														
200-220	.2											.2	3.0	3.0
230-250	1.3	1.5	.4		.1							3.4	6.2	5.5
(W) 260-280	4.0	25.1	10.5	.5								40.2	7.8	8.0
290-310	6.3	26.2	8.3	.5			.1					41.4	7.4	7.0
320-340	1.4	2.1	.2	.1								3.8	6.0	6.0
VARIABLE														
CALM	////////////////////											2.9	////////	
TOTALS	18.0	57.7	20.0	1.1	.1		.1					100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1122

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2											.2	1.5	1.5
020-040	.4	.1										.5	3.8	3.0
050-070	.1											.1	3.0	3.0
(E) 080-100	.3	.2										.5	3.8	4.0
110-130		.1										.1	8.0	8.0
140-160	.1											.1	4.0	4.0
(S) 170-190			.1									.1	11.0	11.0
200-220	.1	.2	.2									.5	8.6	9.0
230-250	2.2	4.7	1.1	.1	.1							8.2	6.6	6.0
(W) 260-280	8.9	35.2	9.3	.3								53.8	7.1	7.0
290-310	5.0	17.9	6.5	1.2								30.6	7.6	7.0
320-340	1.7	1.4	.5	.1								3.7	5.8	5.0
VARIABLE														
CALM	////////////////////											1.6	////	////
TOTALS	19.0	59.8	17.7	1.7	.1							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 999

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.2										.8	4.6	3.0
020-040	.5											.5	1.5	1.5
050-070	.1											.1	1.0	1.0
(E) 080-100	.2											.2	1.5	1.5
110-130	.5											.5	2.5	2.0
140-160	.5											.5	1.8	1.5
(S) 170-190	1.1	.4										1.4	3.4	3.0
200-220	4.8	1.7	.6									7.1	4.1	3.0
230-250	12.2	10.3	.8	.1								23.4	4.7	4.0
(W) 260-280	14.6	11.8	.6									27.0	4.3	4.0
290-310	8.1	4.3	.8	.1								13.4	4.5	4.0
320-340	2.2	.8	.4	.1								3.5	4.8	3.0
VARIABLE														
CALM	////////////////////											21.5	////////	
TOTALS	45.4	29.5	3.2	.3								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.3											.3	1.5	1.5
020-040	.5											.5	2.0	2.0
050-070	.9											.9	2.2	2.0
(E) 080-100	1.7	.2										1.8	2.8	2.0
110-130	1.2	.2										1.4	2.6	2.0
140-160	2.0											2.0	1.6	2.0
(S) 170-190	1.8	.2										2.0	2.3	2.0
200-220	6.5	1.8	.3									8.6	3.8	3.0
230-250	8.1	7.1	.3									15.5	4.4	4.0
(W) 260-280	9.2	4.8	.2									14.1	3.8	3.5
290-310	4.8	1.8	.8	.3								7.7	4.6	3.0
320-340	1.1	.2										1.2	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											43.9	////////////////////////////////	
TOTALS	38.1	16.3	1.6	.3								100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	.6	.1	.0									.7	3.3	3.0
020-040	1.0	.2	.0									1.2	3.2	3.0
050-070	2.1	.4										2.5	3.0	2.0
(E) 080-100	4.4	3.0	.2									7.6	4.4	4.0
110-130	4.2	2.6	.3	.0								7.1	4.5	4.0
140-160	1.4	.2	.0									1.7	2.9	2.0
(S) 170-190	.6	.1	.0									.7	2.9	2.0
200-220	2.3	.4	.1									2.9	3.5	3.0
230-250	4.7	3.8	.4	.0	.0							9.0	4.7	4.0
(W) 260-280	7.1	12.8	3.4	.1								23.5	6.3	6.0
290-310	5.1	9.0	2.7	.3			.0					17.1	6.5	6.0
320-340	1.5	.8	.2	.0								2.6	4.6	4.0
VARIABLE														
CALM	////////////////////											23.5	////////	
TOTALS	35.0	33.4	7.3	.4								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 6686

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.1										.8	2.4	2.0
020-040	.8	.3										1.1	3.3	3.0
050-070	1.4											1.4	2.3	2.0
(E) 080-100	2.9	.7	.1									3.7	3.2	3.0
110-130	4.3	.9	.2									5.4	3.4	3.0
140-160	1.7	.1										1.7	2.4	2.0
(S) 170-190	.8											.8	2.0	2.0
200-220	1.2	.2										1.4	3.0	3.0
230-250	5.5	2.8	.3									8.6	4.1	4.0
(W) 260-280	11.6	13.5	2.7	.1								27.9	5.4	5.0
290-310	9.7	7.9	1.4	.1								19.1	5.0	4.0
320-340	1.9	.5	.1									2.5	3.3	2.0
VARIABLE														
CALM	////////////////////											25.7	////////	
TOTALS	42.5	27.0	4.8	.2								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 1449

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040	.9	.3										1.2	3.8	3.0
050-070	4.6	.9										5.5	2.9	2.0
(E) 080-100	15.9	3.4										19.3	3.1	3.0
110-130	8.9	2.4										11.3	3.0	2.0
140-160	3.7	.3										4.0	2.5	2.0
(S) 170-190	.6	.3										.9	3.0	2.0
200-220	1.5	.9										2.4	3.0	2.0
230-250	6.1	1.8	.3									8.3	4.0	4.0
(W) 260-280	1.5	.9										2.4	3.6	3.5
290-310	2.4	1.2	.3									4.0	4.5	3.0
320-340	.6	.6										1.2	5.0	4.5
VARIABLE														
CALM	////////////////////////////////////											39.4	////////////////////////////////	
TOTALS	46.7	13.0	.6									100.0	2.0	3.0
TOTAL NUMBER OF OBSERVATIONS 327														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040	.2	.7										.9	4.5	5.0
050-070	5.3	.7										6.0	3.1	3.0
(E) 080-100	14.4	5.8										20.2	3.7	4.0
110-130	11.6	7.0	.7									19.3	4.3	4.0
140-160	3.5	.5										3.9	2.9	2.0
(S) 170-190	1.6											1.6	1.9	2.0
200-220	.9	.7										1.6	3.7	2.0
230-250	3.7	1.2										4.9	3.2	3.0
(W) 260-280	2.1	.5		.2								2.8	4.0	3.0
290-310	2.6	1.6	.5									4.6	4.9	3.5
320-340	.9	.5										1.4	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											32.7	////////	
TOTALS	46.8	19.2	1.2	.2								100.0	2.6	3.5

TOTAL NUMBER OF OBSERVATIONS 431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.1										.3	3.5	3.5
020-040	.3	.5										.8	4.5	5.0
050-070	5.8	1.1	.1									7.0	3.2	3.0
(E) 080-100	14.2	12.2	.6									26.9	4.6	4.0
110-130	14.4	9.0	1.3									24.7	4.4	4.0
140-160	2.8	.9	.1									3.8	3.6	3.0
(S) 170-190	.5											.5	2.3	2.0
200-220	1.5	.1	.1									1.8	2.7	2.0
230-250	1.5	.5	.1									2.1	3.8	3.0
(W) 260-280	.8	.3			.1							1.1	5.0	3.0
290-310	.6	.6	.3	.1	.1							1.8	7.6	6.0
320-340	.9											.9	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											28.4	////////////////////////////////	
TOTALS	43.4	25.3	2.6	.1	.2							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.4		.1								1.6	4.8	4.0
020-040	2.0	.3	.1									2.4	3.2	2.5
050-070	5.0	1.6	.2									6.7	3.4	3.0
(E) 080-100	10.8	12.2	.9									23.9	5.1	5.0
110-130	14.0	19.1	3.0	.2								36.2	5.6	5.0
140-160	1.5	.5	.2									2.2	4.6	4.0
(S) 170-190	.3	.1										.4	3.3	2.0
200-220	.5	.6	.2									1.3	6.1	5.0
230-250	1.0	1.0	.3									2.3	5.3	5.0
(W) 260-280	2.8	1.5	.2	.1								4.6	4.8	4.0
290-310	2.7	2.2	.3	.1								5.2	5.1	4.0
320-340	1.1	.7	.3									2.1	4.9	4.0
VARIABLE														
CALM	////////////////////											11.2	////////	
TOTALS	42.8	40.2	5.7	.5								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 1010

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.6	.1									2.5	3.9	3.0
020-040	3.0	1.6	.2									4.8	4.3	4.0
050-070	5.9	2.3	.2									8.3	3.7	3.5
(E) 080-100	4.7	3.6	.4									8.6	4.6	4.0
110-130	3.2	4.3	1.2	.3								8.9	6.4	6.0
140-160	.2	.4	.1	.1								.8	7.4	6.5
(S) 170-190	.6	.2										.8	3.8	3.0
200-220	.4	.3	.2	.1								1.0	7.4	5.5
230-250	.5	2.0	.7	.1								3.3	7.4	6.0
(W) 260-280	5.6	13.0	2.6									21.1	6.4	6.0
290-310	6.0	16.6	2.6	.4	.2							25.7	6.5	6.0
320-340	2.9	2.9	.5	.1								6.3	5.3	5.0
VARIABLE														
CALM	////////////////////											7.8	////////	
TOTALS	34.8	47.8	8.8	1.1	.2							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 1008

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.3	.1									1.4	4.3	3.0
020-040	2.0	1.4										3.4	3.9	4.0
050-070	.8	1.1										1.9	4.8	5.0
(E) 080-100	.6	.3										.9	4.4	4.0
110-130	.8	1.5	.8									3.2	7.1	7.0
140-160	.7	.4	.1									1.3	4.9	3.5
(S) 170-190	.1	.1	.3									.5	9.2	10.0
200-220	.6	.7	.1	.1								1.6	6.1	5.0
230-250	4.5	6.4	.7	.1								11.8	5.7	6.0
(W) 260-280	13.7	22.9	1.8									38.4	5.4	5.0
290-310	7.3	14.8	3.3	.6								26.0	6.7	6.0
320-340	2.1	2.0	.5									4.6	5.2	5.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	34.1	51.9	7.7	.8								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 951

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 18-20

WIND SPEED IN KNOTS															
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010	1.1	.1	.1									1.4	3.8	3.0	
020-040	2.2	.6										2.8	3.2	3.0	
050-070	1.5	.1										1.7	2.7	3.0	
(E) 080-100	1.8	.3	.1									2.2	3.0	2.0	
110-130	1.5	1.3	1.0									3.8	6.5	6.0	
140-160	1.5	.4	.1									2.0	3.6	2.5	
(S) 170-190	1.8	.5	.1									2.4	3.3	2.0	
200-220	6.8	.6	.1									7.5	3.0	2.0	
230-250	12.0	5.4	.6									18.0	4.2	4.0	
(W) 260-280	6.8	1.3	.6	.1								8.8	4.0	3.0	
290-310	3.9	2.4	2.2									8.5	6.0	6.0	
320-340	1.5	1.1	.4	.1								3.2	5.6	5.0	
VARIABLE															
CALM	////////////////////////////////////											37.7	////////		
TOTALS	42.4	14.1	5.3	.2								100.0	2.7	3.0	

TOTAL NUMBER OF OBSERVATIONS 785

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1										.7	3.0	2.0
020-040	1.4											1.4	2.7	2.0
050-070	3.8	.1										3.9	2.8	2.5
(E) 080-100	4.2	.6										4.8	2.8	3.0
110-130	5.9	1.7	.3	.3								8.2	4.1	3.0
140-160	3.0	.4										3.4	2.8	2.0
(S) 170-190	1.3	.1										1.4	2.4	2.0
200-220	4.6	1.3										5.9	3.0	2.0
230-250	6.1	3.1	.1									9.3	4.1	4.0
(W) 260-280	3.4	1.5	.1									5.1	4.1	3.5
290-310	2.3	1.5	.7	.1								4.6	5.5	5.0
320-340	1.0		.1									1.1	3.1	2.0
VARIABLE														
CALM	////////////////////											50.1	////////	
TOTALS	37.6	10.4	1.3	.4								100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 710

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.9	.3	.0	.0								1.2	4.1	3.0
020-040	1.7	.7	.0								2.5	3.8	3.0	
050-070	4.0	1.1	.1								5.2	3.4	3.0	
(E) 080-100	7.2	5.0	.3								12.5	4.4	4.0	
110-130	7.1	6.3	1.2	.1							14.8	5.2	5.0	
140-160	1.8	.5	.1	.0							2.4	3.8	3.0	
(S) 170-190	.8	.2	.1								1.0	3.4	2.0	
200-220	2.0	.6	.1	.0							2.8	3.8	3.0	
230-250	4.0	2.8	.4	.0							7.3	4.8	4.0	
(W) 260-280	5.2	6.5	.8	.0	.0						12.6	5.4	5.0	
290-310	3.8	6.2	1.4	.2	.0						11.7	6.3	6.0	
320-340	1.5	1.1	.3	.0							3.0	5.0	4.0	
VARIABLE														
CALM	////////////////////////////////////											23.1	////////	
TOTALS	40.0	31.3	4.8	.3							100.0	3.8	4.0	

TOTAL NUMBER OF OBSERVATIONS 6020

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.5										.7	4.3	5.0
020-040	.5	.2										.7	4.0	4.0
050-070	.7	.2										1.0	3.3	2.5
(E) 080-100	3.1	1.4										4.5	3.5	3.0
110-130	5.0	6.2										11.2	4.5	5.0
140-160	2.4	.5										2.9	3.4	3.0
(S) 170-190	.7											.7	2.0	2.0
200-220	1.7	.5	.5									2.6	4.7	2.0
230-250	3.6	6.7	.7	.2								11.2	5.8	6.0
(W) 260-280	13.6	8.4	2.2									24.2	5.0	4.0
290-310	7.9	5.3	.7	.2								14.1	5.0	4.0
320-340	1.4	.5	.2									2.2	3.8	2.0
VARIABLE														
CALM	////////////////////											23.9	////////	
TOTALS	40.8	30.4	4.3	.4								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 418

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040	.4	.8										1.1	5.3	7.0
050-070	2.3	.8										3.0	4.0	4.0
(E) 080-100	12.1	10.2										22.3	4.2	4.0
110-130	12.9	7.2	1.5	.8								22.3	4.9	4.0
140-160	3.8	1.1										4.9	3.4	3.0
(S) 170-190	1.9	.4										2.3	2.5	2.0
200-220	1.1											1.1	1.7	2.0
230-250	1.9	.4										2.3	2.7	2.0
(W) 260-280	1.9	.4										2.3	2.7	2.0
290-310	1.9	.8										2.7	3.3	4.0
320-340	.4	.8	.8									1.9	8.2	9.0
VARIABLE														
CALM	////////////////////											33.7	////////	
TOTALS	40.6	22.9	2.3	.8								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 264

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.3										.3	7.0	7.0
020-040		.3										.3	6.0	6.0
050-070	4.9	1.0										5.9	3.5	3.0
(E) 080-100	13.0	11.5	.3									24.8	4.4	4.0
110-130	14.6	12.8	1.3	.5	.8							29.9	5.3	5.0
140-160	4.1	.5										4.6	2.8	2.0
(S) 170-190														
200-220	.8	.3										1.0	2.3	1.5
230-250	.8											.8	3.3	3.0
(W) 260-280	1.5	.3	.3									2.0	3.6	3.0
290-310	.8	.3		.5								1.5	7.2	4.5
320-340	.5	.8	1.3									2.6	8.2	9.0
VARIABLE														
CALM	////////////////////////////////////											26.3	////////////////////////////////	
TOTALS	41.0	28.1	3.2	1.0	.8							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 391

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.2										.4	5.0	5.0
020-040	.8	.2										1.1	3.7	4.0
050-070	5.0	2.1	.1									7.2	3.8	4.0
(E) 080-100	15.5	14.9	1.6									32.0	5.0	5.0
110-130	11.9	10.3	3.6	.4	.1							26.3	5.8	5.0
140-160	1.7	.5										2.2	3.4	3.5
(S) 170-190	.5	.1										.6	2.6	2.0
200-220	.7		.1									.8	3.4	2.0
230-250	1.3	.4			.1							1.8	4.5	3.0
(W) 260-280	1.0	.2										1.2	3.6	3.0
290-310	1.0	.7	.4	.2								2.3	6.7	6.0
320-340	.4	.4	.5									1.2	7.4	8.0
VARIABLE														
CALM	////////////////////											22.9	////////	
TOTALS	39.9	30.0	6.3	.6	.2							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 825

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3	.2									.9	6.0	7.0
020-040	.6	.5										1.0	4.0	2.0
050-070	3.5	1.9	.2									5.6	4.2	4.0
(E) 080-100	11.7	17.3	2.7									31.6	5.7	6.0
110-130	11.8	20.2	3.7	1.0	.2							36.9	6.4	6.0
140-160	1.1	1.0	.2	.3								2.7	6.4	5.0
(S) 170-190	.6											.6	2.2	2.0
200-220	.5	.2	.6	.1								1.3	8.2	9.5
230-250	.8	.5	.2		.3							1.7	7.8	5.5
(W) 260-280	1.0	.6	.1									1.7	4.8	4.0
290-310	1.0	.6	1.3	.2		.1						3.2	8.8	9.0
320-340	1.0	.9	.4									2.3	5.8	5.0
VARIABLE														
CALM	////////////////////											10.6	////////	
TOTALS	34.0	44.0	9.6	1.6	.5	.1						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 1055

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.9	.7									3.8	4.9	3.5
020-040	3.7	1.1	.2									5.1	3.9	3.0
050-070	6.0	4.1	1.2									11.4	5.0	4.0
(E) 080-100	6.8	7.8	.8									15.4	5.1	5.0
110-130	7.4	7.6	2.3	1.0	.3							18.5	6.4	5.0
140-160	.6	.5	.2									1.2	5.8	5.0
(S) 170-190		.1										.1	6.0	6.0
200-220	.1	.2			.3							.6	13.5	13.5
230-250	.7	1.1	.5	.2								2.4	7.1	5.0
(W) 260-280	3.3	5.3	.5	.1								9.1	5.8	6.0
290-310	6.5	5.9	1.8	1.1	.1							15.4	6.4	5.0
320-340	3.7	2.7	.6	.1								7.1	4.9	4.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	41.1	37.3	8.8	2.5	.7							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 1046

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.6	.6									3.7	5.0	4.0
020-040	4.0	2.6	.4									7.1	4.4	4.0
050-070	2.8	3.3	.1									6.1	5.0	5.0
(E) 080-100	1.9	.6										2.5	3.5	3.0
110-130	2.1	1.7	1.9	.2	.1	.2						6.2	8.3	8.0
140-160	.7		.2									1.0	4.1	3.0
(S) 170-190	.6	.1										.7	3.3	2.0
200-220	.6	.7	.3									1.7	5.8	5.0
230-250	3.0	2.1	.7	.1	.1							6.0	5.7	5.0
(W) 260-280	11.1	8.8	.6	.1	.1							20.8	4.8	4.0
290-310	10.7	12.7	2.0	1.0	.1							26.5	5.9	5.0
320-340	3.8	2.1	.3	.3								6.6	5.2	4.0
VARIABLE														
CALM	////////////////////											11.0	////////	
TOTALS	43.7	35.3	7.1	1.7	.4	.2						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 944

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.3	.3									1.9	5.0	4.0
020-040	3.4	1.6										5.0	3.9	3.5
050-070	4.1	1.3										5.3	3.3	3.0
(E) 080-110	2.3	.9										3.3	4.0	4.0
110-130	2.5	.3	1.1	.2								4.1	6.1	3.5
140-160	2.0	.5										2.5	3.6	3.0
(S) 170-190	2.2	.2										2.3	2.4	2.0
200-220	5.0	.5										5.5	2.9	2.0
230-250	11.7	2.8										14.5	3.1	3.0
(W) 260-280	6.3	.8										7.0	2.6	2.0
290-310	2.5	2.3	.9	.3								6.1	6.1	6.0
320-340	.8	1.9	.2									2.8	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											39.7	////////////////////////////////	
TOTALS	44.1	13.4	2.5	.5								100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHEE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	.5	.5									1.2	8.9	8.0
020-040	1.9	.4										2.3	2.8	2.0
050-070	5.3	1.1										6.3	2.9	2.0
(E) 080-100	7.0	3.2										10.2	3.7	3.0
110-130	4.9	2.5	.9	.5								8.8	5.4	4.0
140-160	3.0	.4	.2	.2								3.7	3.3	2.0
(S) 170-190	2.5											2.5	1.9	1.5
200-220	4.0		.2									4.2	2.5	2.0
230-250	4.9	1.2	.2									6.3	3.4	3.0
(W) 260-280	3.2	.5										3.7	3.1	3.0
290-310	2.5	.5	.4									3.3	3.9	3.0
320-340	1.2	.5	.2									1.9	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											45.7	////////////////////////////////	
TOTALS	40.6	10.8	2.6	.7								100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65			
(N) 350-010	1.1	.5	.3									1.9	5.3	4.0
020-040	2.2	1.0	.1									3.3	4.0	4.0
050-070	4.3	2.3	.3									6.9	4.3	4.0
(E) 080-100	8.3	8.5	.9									17.7	5.0	5.0
110-130	7.9	8.3	2.3	.6	.2	.0						19.4	6.1	5.0
140-160	1.7	.5	.1	.1								2.4	4.2	3.0
(S) 170-190	.9	.1										.9	2.5	2.0
200-220	1.4	.3	.2	.0	.1							1.9	4.5	3.0
230-250	2.9	1.1	.3	.1	.1							4.4	4.5	4.0
(W) 260-280	4.0	2.7	.2	.0	.0							7.0	4.6	4.0
290-310	3.9	3.7	1.1	.5	.0	.0						9.3	6.2	5.0
320-340	1.8	1.4	.5	.1								3.7	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											21.2	////////	
TOTALS	40.4	30.4	6.3	1.4	.4							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 5736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	2.3	2.0
020-040	.4											.4	2.0	2.0
050-070	.9		.4									1.3	5.3	3.0
(E) 080-100	8.2	2.2										10.3	3.0	2.0
110-130	6.5	3.0	3.0									12.5	5.9	4.0
140-160	2.6			.4								3.0	5.0	3.0
(S) 170-190	1.7	.4										2.2	2.2	1.0
200-220	1.7		.4		.4							2.6	7.0	4.0
230-250	5.2	4.3	.9									10.3	5.1	4.5
(W) 260-280	5.6	4.7	.4									10.8	5.0	4.0
290-310	6.0	3.9	2.2			.4						12.5	6.2	5.0
320-340		.9										.9	7.0	7.0
VARIABLE														
CALM	////////////////////											31.9	////////	
TOTALS	40.1	19.4	7.3	.4	.4	.4						100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 232

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.2	.1	.0								1.1	4.0	3.0
020-040	1.1	.4	.1									1.5	3.7	3.0
050-070	1.9	.7	.0									2.7	3.6	3.0
(E) 080-100	3.6	2.6	.2	.0								6.5	4.5	4.0
110-130	3.6	2.9	.9	.2	.0	.0	.0					7.7	5.6	5.0
140-160	1.0	.3	.1	.0	.0							1.5	4.5	3.0
(S) 170-190	.7	.1	.0	.0								.8	3.2	2.0
200-220	1.9	.7	.2	.0	.0	.0						2.8	4.3	3.0
230-250	4.3	4.9	2.1	.1	.0	.0	.0					11.5	6.3	6.0
(W) 260-280	6.4	12.2	6.7	.3	.0	.0						25.6	7.1	7.0
290-310	4.3	8.1	4.5	.6	.1	.0	.0					17.6	7.5	7.0
320-340	1.6	1.3	.3	.0	.0							3.2	5.3	5.0
VARIABLE														
CALM	////////////////////											17.6	////////	
TOTALS	31.1	34.4	15.2	1.2	.1							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS: 79066

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.1										.8	2.4	2.0
020-040	.7	.1										.8	2.7	2.0
050-070	.8	.1	.0									.9	2.7	2.0
(E) 080-100	1.5	.4	.0									1.9	3.2	3.0
110-130	1.9	.6	.1	.0								2.6	3.8	3.0
140-160	.9	.0	.0	.0								1.0	2.6	2.0
(S) 170-190	.7	.0										.7	2.2	2.0
200-220	1.6	.3	.1		.0							2.0	3.4	3.0
230-250	5.8	6.2	1.8	.1		.0						14.0	5.8	5.0
(W) 260-280	11.5	17.8	6.3	.1								35.6	6.3	6.0
290-310	6.8	8.8	3.0	.1		.0						18.6	6.0	6.0
320-340	1.9	.7	.1									2.7	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											18.3	////////////////////////////////	
TOTALS	34.9	35.1	11.4	.3								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS: 14952

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-BAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

**NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:**

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

**NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.**

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.7	61.6	61.6	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	63.5	64.8
GE 20000	62.6	63.5	63.5	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	65.4	66.7
GE 18000	62.6	63.5	63.5	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	65.4	66.7
GE 16000	63.5	64.5	64.5	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	66.4	67.6
GE 14000	66.4	67.3	67.6	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9	69.5	70.8
GE 12000	66.4	67.3	67.6	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9	69.5	70.8
GE 10000	67.9	68.9	69.2	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4	71.1	72.3
GE 9000	67.9	68.9	69.2	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4	71.1	72.3
GE 8000	71.4	72.6	73.0	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2	74.8	76.1
GE 7000	71.4	72.6	73.0	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2	74.8	76.1
GE 6000	72.0	73.3	73.6	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.8	75.5	76.7
GE 5000	73.0	74.2	74.5	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8	76.4	77.7
GE 4500	77.0	78.6	78.9	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.2	80.8	82.1
GE 4000	79.6	81.1	81.4	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	83.3	84.6
GE 3500	79.9	81.4	81.8	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.6	84.9
GE 3000	80.8	82.4	83.0	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.6	85.2	86.5
GE 2500	81.8	83.3	84.3	84.9	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.8	86.5	87.7
GE 2000	83.0	84.6	85.5	86.2	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1	87.7	89.0
GE 1800	83.6	85.2	86.5	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.1	88.7	89.9
GE 1500	84.3	86.2	87.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	90.3	91.5
GE 1200	86.5	88.7	90.6	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	93.1	94.3
GE 1000	87.7	89.9	91.8	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	94.3	95.6
GE 900	87.7	89.9	91.8	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	94.3	95.6
GE 800	88.4	90.6	92.5	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	95.0	96.2
GE 700	88.4	90.6	92.5	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	95.0	96.2
GE 600	88.7	90.9	92.8	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	95.3	96.5
GE 500	88.7	90.9	92.8	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	95.3	96.5
GE 400	88.7	90.9	92.8	93.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	95.3	96.5
GE 300	88.7	90.9	92.8	93.7	93.7	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.3	96.5	97.8
GE 200	88.7	90.9	92.8	93.7	93.7	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.3	96.5	98.7
GE 100	88.7	90.9	92.8	93.7	93.7	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.3	96.5	100.0
GE 000	88.7	90.9	92.8	93.7	93.7	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.3	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 318

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.0	62.0	62.0	62.3	62.5	62.5	62.5	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	64.1
GE 20000	64.1	64.1	64.1	64.4	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	66.2
GE 18000	64.4	64.4	64.4	64.6	64.8	64.8	64.8	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	66.4
GE 16000	64.4	64.4	64.4	64.6	64.8	64.8	64.8	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	66.4
GE 14000	65.7	65.7	65.7	66.0	66.2	66.2	66.2	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	67.8
GE 12000	65.7	65.7	65.7	66.0	66.2	66.2	66.2	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	67.8
GE 10000	66.4	66.4	66.4	66.7	66.9	66.9	66.9	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	68.5
GE 9000	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	68.8
GE 8000	69.2	69.2	69.2	69.4	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	71.3
GE 7000	69.4	69.4	69.4	69.7	69.9	69.9	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	71.5
GE 6000	70.8	70.8	70.8	71.1	71.3	71.3	71.3	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	72.9
GE 5000	72.5	72.5	72.5	72.7	72.9	72.9	72.9	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	74.5
GE 4500	73.8	74.1	74.1	74.3	74.5	74.5	74.5	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	76.2
GE 4000	74.8	75.0	75.0	75.2	75.5	75.5	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	77.1
GE 3500	75.9	76.2	76.2	76.4	76.6	76.6	76.6	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	78.2
GE 3000	77.8	78.0	78.0	78.2	78.5	78.5	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	80.1
GE 2500	79.6	79.9	80.3	80.8	81.0	81.0	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	82.6
GE 2000	80.8	81.3	82.2	82.6	82.9	82.9	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	84.5
GE 1800	81.5	81.9	82.9	83.3	83.6	83.6	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	85.2
GE 1500	83.6	84.3	85.2	85.6	85.9	85.9	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	87.5
GE 1200	86.8	87.7	89.4	90.3	90.7	90.7	90.7	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	92.4
GE 1000	87.7	88.7	90.3	91.2	91.9	91.9	91.9	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	93.5
GE 900	87.7	88.7	90.3	91.2	91.9	91.9	91.9	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	93.5
GE 800	88.0	88.9	90.5	91.4	92.1	92.1	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.8
GE 700	88.0	88.9	90.5	91.4	92.1	92.1	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.8
GE 600	88.0	88.9	90.7	91.7	92.4	92.4	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	94.0
GE 500	88.0	88.9	91.0	91.9	92.6	92.6	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	94.4
GE 400	88.0	89.1	91.2	92.4	93.1	93.1	93.3	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.2	95.4
GE 300	88.0	89.1	91.4	92.6	93.3	93.3	93.5	93.8	94.0	94.4	94.4	94.4	94.4	94.4	94.9	96.5
GE 200	88.0	89.1	91.4	92.6	93.3	93.3	93.5	93.8	94.0	94.4	94.4	94.4	94.4	94.4	95.1	98.4
GE 100	88.0	89.1	91.4	92.6	93.3	93.3	93.8	94.0	94.2	94.7	94.7	94.7	94.7	94.7	95.4	99.5
GE 000	88.0	89.1	91.4	92.6	93.3	93.3	93.8	94.0	94.2	94.7	94.7	94.7	94.7	94.7	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 432

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	53.2	54.5	55.3	56.1	56.2	56.7	56.8	56.8	57.1	57.2	57.2	57.2	57.2	57.3	58.2
GE 20000	57.7	58.4	59.8	60.6	61.3	61.4	62.0	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.5	63.4
GE 18000	58.2	58.8	60.2	61.0	61.8	61.9	62.4	62.5	62.5	62.8	62.9	62.9	62.9	62.9	63.0	63.9
GE 16000	58.4	59.0	60.5	61.2	62.0	62.1	62.7	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.2	64.1
GE 14000	59.4	60.0	61.6	62.3	63.2	63.3	63.9	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.4	65.3
GE 12000	60.2	61.0	62.5	63.3	64.2	64.3	64.8	65.0	65.0	65.2	65.3	65.3	65.3	65.3	65.4	66.5
GE 10000	61.3	62.1	63.9	64.7	65.7	65.8	66.4	66.5	66.5	66.7	66.8	66.8	66.8	66.8	66.9	68.0
GE 9000	62.0	62.8	64.5	65.4	66.4	66.5	67.0	67.1	67.1	67.4	67.5	67.5	67.5	67.5	67.6	68.7
GE 8000	63.3	64.1	65.9	66.8	67.8	67.9	68.5	68.6	68.6	68.8	68.9	68.9	68.9	68.9	69.0	70.1
GE 7000	64.0	64.7	66.6	67.5	68.5	68.6	69.1	69.2	69.2	69.4	69.6	69.6	69.6	69.6	69.7	70.8
GE 6000	66.2	66.9	68.9	69.8	70.8	70.9	71.4	71.5	71.5	71.7	71.9	71.9	71.9	71.9	72.0	73.1
GE 5000	68.8	69.6	71.5	72.5	73.5	73.6	74.2	74.3	74.3	74.5	74.7	74.7	74.7	74.7	74.8	75.9
GE 4500	69.8	70.6	72.6	73.6	74.9	75.0	75.6	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.2	77.3
GE 4000	71.5	72.5	74.5	75.6	76.9	77.0	77.5	77.7	77.7	77.9	78.1	78.1	78.1	78.1	78.2	79.4
GE 3500	74.2	75.1	77.2	78.3	79.6	79.7	80.3	80.4	80.4	80.6	80.8	80.8	80.8	80.8	80.9	82.1
GE 3000	77.0	78.0	80.2	81.3	82.7	82.8	83.5	83.6	83.6	83.8	84.0	84.0	84.0	84.0	84.1	85.3
GE 2500	79.0	80.0	82.3	83.5	84.9	85.0	85.8	85.9	85.9	86.1	86.3	86.3	86.3	86.3	86.4	87.6
GE 2000	80.8	81.8	84.2	85.7	87.3	87.4	88.3	88.4	88.4	88.6	88.8	88.8	88.8	88.8	88.9	90.1
GE 1800	81.5	82.5	84.9	86.3	88.1	88.2	89.0	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.7	90.9
GE 1500	82.1	83.2	85.8	87.4	89.5	89.6	90.5	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.1	92.3
GE 1200	82.8	84.6	87.3	89.4	91.5	91.6	92.6	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.2	94.4
GE 1000	82.9	84.7	87.6	89.7	92.0	92.1	93.1	93.3	93.3	93.5	93.9	93.9	93.9	93.9	94.0	95.2
GE 900	82.9	84.8	87.8	90.0	92.4	92.6	93.5	93.8	93.8	94.0	94.4	94.4	94.4	94.4	94.5	95.7
GE 800	83.0	84.9	88.0	90.1	92.8	92.9	93.9	94.1	94.1	94.3	94.7	94.7	94.7	94.7	94.9	96.1
GE 700	83.0	84.9	88.0	90.1	92.8	92.9	93.9	94.1	94.1	94.3	94.7	94.7	94.7	94.7	94.9	96.1
GE 600	83.0	84.9	88.0	90.1	92.8	92.9	93.9	94.1	94.1	94.3	94.7	94.7	94.7	94.7	94.9	96.1
GE 500	83.0	84.9	88.0	90.1	92.9	93.0	94.2	94.4	94.4	94.6	95.1	95.1	95.1	95.1	95.2	96.4
GE 400	83.0	84.9	88.0	90.1	93.0	93.1	94.3	94.6	94.6	94.9	95.4	95.4	95.4	95.4	95.6	96.8
GE 300	83.0	85.0	88.1	90.3	93.1	93.2	94.4	94.9	94.9	95.1	95.7	95.7	95.7	95.7	96.2	97.8
GE 200	83.1	85.1	88.2	90.4	93.2	93.3	94.5	95.0	95.0	95.2	95.8	95.8	96.1	96.1	96.6	99.1
GE 100	83.1	85.1	88.2	90.4	93.2	93.3	94.5	95.0	95.0	95.2	95.8	95.8	96.1	96.1	96.9	100.0
GE 000	83.1	85.1	88.2	90.4	93.2	93.3	94.5	95.0	95.0	95.2	95.8	95.8	96.1	96.1	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 913

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	53.5	54.6	55.1	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.7
GE 20000	59.2	60.4	61.7	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.8	62.8
GE 18000	59.8	61.0	62.2	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3
GE 16000	59.9	61.0	62.3	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4
GE 14000	61.2	62.4	63.8	64.3	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9	65.0	65.0
GE 12000	62.6	63.9	65.5	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7	66.7
GE 10000	65.9	67.2	68.9	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.1	70.1
GE 9000	66.3	67.6	69.3	69.8	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.4	70.5	70.5
GE 8000	68.7	70.0	71.9	72.5	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1
GE 7000	69.4	70.7	72.5	73.1	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.8	73.8
GE 6000	70.5	71.8	73.7	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	75.0	75.0
GE 5000	72.4	73.7	75.7	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.1	77.1
GE 4500	73.1	74.4	76.5	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.9	77.9
GE 4000	75.3	76.8	78.9	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.4	80.4
GE 3500	78.5	80.0	82.1	83.0	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.6	83.6	83.7	83.7
GE 3000	81.9	83.6	85.9	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.8	87.8
GE 2500	84.2	86.3	88.7	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.7	90.7
GE 2000	86.0	88.1	90.9	91.9	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0
GE 1800	86.0	88.1	90.9	92.0	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1
GE 1500	86.3	88.5	91.5	92.9	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2
GE 1200	86.5	88.8	92.1	94.0	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.4	95.4
GE 1000	86.7	89.3	92.6	94.5	95.4	95.5	95.9	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 900	86.7	89.3	92.6	94.5	95.4	95.5	96.0	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 800	86.7	89.4	92.7	94.6	95.5	95.6	96.1	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.6	96.6
GE 700	86.7	89.4	92.7	94.8	95.7	95.8	96.2	96.3	96.4	96.4	96.6	96.6	96.8	96.8	96.9	96.9
GE 600	86.7	89.4	92.7	94.8	95.7	95.8	96.2	96.3	96.4	96.5	96.7	96.7	96.9	96.9	97.0	97.0
GE 500	86.7	89.4	92.7	94.9	96.0	96.1	96.5	96.6	96.7	96.8	97.0	97.0	97.2	97.2	97.3	97.3
GE 400	86.7	89.5	92.8	95.0	96.1	96.2	96.6	96.9	97.0	97.1	97.3	97.4	97.7	97.8	97.9	97.9
GE 300	86.7	89.5	92.8	95.0	96.2	96.2	96.7	97.0	97.4	97.7	98.1	98.2	98.4	98.5	98.7	98.8
GE 200	86.7	89.5	92.8	95.1	96.2	96.3	96.8	97.1	97.5	97.8	98.3	98.4	98.7	98.8	99.1	99.4
GE 100	86.7	89.5	92.8	95.1	96.2	96.3	96.8	97.1	97.5	97.8	98.3	98.4	98.8	98.9	99.2	99.9
GE 000	86.7	89.5	92.8	95.1	96.2	96.3	96.8	97.1	97.5	97.8	98.3	98.4	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1091

D - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	56.2	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	66.0	66.4	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	66.9	67.3	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	67.0	67.4	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	68.0	68.5	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	69.8	70.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	72.7	73.4	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	73.7	74.4	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	76.3	77.2	78.3	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	76.6	77.5	78.6	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	77.3	78.3	79.4	79.8	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	78.3	79.4	80.6	80.9	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	79.3	80.4	81.6	81.9	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	81.5	82.8	83.9	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	85.2	86.5	87.7	88.1	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	89.0	90.3	91.9	92.3	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	90.6	91.9	93.7	94.0	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	91.7	93.0	94.8	95.1	96.3	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	91.7	93.2	95.0	95.3	96.5	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	92.1	93.9	96.0	96.4	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	92.3	94.2	96.3	97.0	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	92.5	94.5	96.7	97.3	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	92.5	94.6	96.8	97.4	98.7	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	92.5	94.8	97.1	97.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	92.5	94.8	97.1	97.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.5	94.8	97.1	97.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	92.5	94.8	97.1	97.7	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	92.7	95.0	97.3	98.0	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.7	95.0	97.3	98.0	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.7	95.0	97.3	98.0	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.7	95.0	97.3	98.0	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.7	95.0	97.3	98.0	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1090

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.0	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	64.7	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	65.0	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	65.2	66.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	67.0	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	68.9	70.3	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	72.1	73.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	72.5	74.0	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	75.6	77.1	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 7000	76.6	78.3	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	77.3	79.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	79.0	80.9	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	79.9	81.7	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	82.1	84.0	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	86.2	88.2	90.0	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3000	89.0	91.2	93.2	93.9	94.2	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	90.2	92.5	95.0	95.6	96.0	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	90.9	93.5	95.9	96.6	97.1	97.1	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	91.2	93.8	96.2	96.9	97.4	97.4	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	91.3	94.0	96.4	97.2	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	91.5	94.2	96.7	97.5	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	91.7	94.4	97.1	97.9	98.3	98.4	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	91.7	94.4	97.1	97.9	98.3	98.4	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	91.7	94.5	97.2	98.0	98.4	98.5	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	91.9	94.7	97.4	98.2	98.6	98.7	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	91.9	94.7	97.4	98.2	98.6	98.7	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	92.0	94.8	97.5	98.3	98.7	98.8	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	92.0	94.8	97.5	98.3	98.7	98.8	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	92.0	94.8	97.5	98.3	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	92.0	94.8	97.5	98.3	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9
GE 100	92.0	94.8	97.5	98.3	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	99.8	99.8	100.0	100.0
GE 000	92.0	94.8	97.5	98.3	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1030

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	60.0	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
GE 20000	64.6	65.8	66.7	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
GE 18000	64.8	66.0	66.8	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 16000	64.8	66.0	66.8	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 14000	66.7	67.9	68.7	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
GE 12000	67.3	68.5	69.3	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4
GE 10000	70.2	71.5	72.5	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 9000	70.5	71.8	72.9	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 8000	72.7	74.3	75.5	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
GE 7000	73.9	75.5	76.7	77.0	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 6000	75.0	76.7	77.9	78.2	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
GE 5000	76.2	78.0	79.2	79.5	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 4500	77.9	79.6	80.8	81.2	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 4000	79.8	81.5	82.7	83.1	83.8	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 3500	82.6	84.4	85.6	86.0	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
GE 3000	85.0	86.8	88.0	88.5	89.2	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 2500	87.1	88.9	90.6	91.2	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
GE 2000	88.0	89.8	91.4	92.0	93.2	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
GE 1800	88.5	90.2	91.9	92.5	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
GE 1500	89.0	90.8	92.5	93.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8
GE 1200	89.5	91.7	93.5	94.2	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 1000	90.7	93.0	94.9	95.6	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
GE 900	91.2	93.6	95.5	96.2	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
GE 800	91.3	93.7	95.6	96.3	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 700	91.4	93.9	95.8	96.5	97.7	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 600	91.5	94.2	96.1	96.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 500	91.5	94.2	96.1	96.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 400	91.5	94.2	96.2	97.0	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 300	91.5	94.2	96.2	97.1	98.3	98.3	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 200	91.5	94.2	96.2	97.1	98.3	98.3	98.5	98.7	98.7	98.9	99.0	99.2	99.3	99.3	99.3	99.8
GE 100	91.5	94.2	96.2	97.1	98.3	98.3	98.5	98.7	98.7	98.9	99.0	99.2	99.3	99.3	99.3	100.0
GE 000	91.5	94.2	96.2	97.1	98.3	98.3	98.5	98.7	98.7	98.9	99.0	99.2	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.8	63.8	64.3	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.2
GE 20000	66.8	67.8	68.3	68.4	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.1
GE 18000	67.0	68.0	68.5	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.4
GE 16000	67.0	68.0	68.5	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.4
GE 14000	68.5	69.6	70.1	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	71.0
GE 12000	68.9	70.0	70.5	70.6	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.7
GE 10000	70.4	71.5	72.0	72.1	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.2
GE 9000	70.5	71.6	72.1	72.2	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.4
GE 8000	71.9	73.2	73.7	73.9	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	75.0
GE 7000	73.1	74.6	75.1	75.2	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.3
GE 6000	74.7	76.5	77.0	77.1	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	78.2
GE 5000	76.5	78.3	78.8	79.1	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.2
GE 4500	78.4	80.3	80.8	81.0	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.3
GE 4000	81.7	83.5	84.0	84.3	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.5
GE 3500	82.8	84.9	85.4	85.6	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	87.0
GE 3000	85.1	87.2	87.7	88.0	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.3
GE 2500	87.4	89.5	90.0	90.2	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.7
GE 2000	88.5	90.7	91.3	91.6	92.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	93.1
GE 1800	88.6	90.8	91.4	91.7	92.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	93.2
GE 1500	89.5	91.7	92.3	92.6	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	94.1
GE 1200	90.6	93.3	93.9	94.3	95.3	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	96.0
GE 1000	91.1	93.8	94.4	94.9	96.2	96.2	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.8	97.0
GE 900	91.6	94.7	95.3	95.8	97.0	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.8	98.0
GE 800	91.7	94.8	95.5	96.0	97.3	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.9	98.0	98.3
GE 700	91.7	94.8	95.5	96.0	97.3	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.9	98.0	98.3
GE 600	91.7	94.8	95.5	96.0	97.3	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.9	98.0	98.3
GE 500	91.7	94.8	95.5	96.0	97.3	97.3	97.4	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.1	98.4
GE 400	91.7	94.8	95.5	96.2	97.4	97.4	97.5	97.9	97.9	98.0	98.1	98.1	98.1	98.3	98.4	98.6
GE 300	91.7	94.8	95.5	96.2	97.4	97.4	97.6	98.0	98.0	98.1	98.3	98.3	98.3	98.4	98.5	98.8
GE 200	91.7	94.8	95.5	96.2	97.4	97.4	97.6	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.6	99.3
GE 100	91.7	94.8	95.5	96.2	97.4	97.4	97.6	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.6	100.0
GE 000	91.7	94.8	95.5	96.2	97.4	97.4	97.6	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 807

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.6	57.4	58.0	58.3	58.5	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.9	59.2
GE 20000	63.1	64.0	64.8	65.1	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	66.0
GE 18000	63.5	64.4	65.3	65.6	65.8	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.5
GE 16000	63.7	64.6	65.4	65.7	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.6
GE 14000	65.2	66.1	67.0	67.3	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	68.3
GE 12000	66.2	67.2	68.3	68.6	69.0	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.7
GE 10000	68.6	69.7	70.7	71.1	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	72.2
GE 9000	69.1	70.1	71.2	71.6	72.0	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.7
GE 8000	71.4	72.5	73.7	74.2	74.6	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.0	75.3
GE 7000	72.1	73.3	74.5	75.0	75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	76.1
GE 6000	73.3	74.6	75.8	76.2	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.4
GE 5000	75.0	76.3	77.5	78.0	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.3
GE 4500	76.3	77.6	78.9	79.4	79.9	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.7
GE 4000	78.4	79.9	81.2	81.7	82.2	82.3	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7	83.1
GE 3500	81.2	82.7	84.1	84.6	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	86.0
GE 3000	84.0	85.6	87.1	87.7	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	89.3
GE 2500	85.8	87.5	89.3	89.9	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.7
GE 2000	87.1	88.8	90.7	91.4	92.3	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.3
GE 1800	87.3	89.1	91.0	91.7	92.6	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.7
GE 1500	87.9	89.8	91.8	92.7	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.7
GE 1200	88.7	90.8	93.0	94.1	95.1	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	96.2
GE 1000	89.1	91.3	93.6	94.7	95.8	96.0	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.7	97.0
GE 900	89.2	91.6	93.9	95.0	96.1	96.2	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.4
GE 800	89.3	91.7	94.0	95.2	96.3	96.4	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.6
GE 700	89.4	91.8	94.1	95.2	96.4	96.5	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.7
GE 600	89.4	91.8	94.2	95.3	96.5	96.6	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.8
GE 500	89.4	91.8	94.2	95.4	96.6	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.6	98.0
GE 400	89.4	91.9	94.3	95.5	96.7	96.8	97.2	97.4	97.5	97.6	97.7	97.8	97.8	97.9	98.0	98.3
GE 300	89.4	91.9	94.3	95.6	96.8	96.9	97.3	97.6	97.7	97.9	98.1	98.1	98.1	98.2	98.4	98.8
GE 200	89.5	91.9	94.3	95.6	96.8	96.9	97.3	97.6	97.7	97.9	98.1	98.2	98.3	98.3	98.6	99.5
GE 100	89.5	91.9	94.3	95.6	96.8	96.9	97.3	97.6	97.7	97.9	98.1	98.2	98.3	98.4	98.7	100.0
GE 000	89.5	91.9	94.3	95.6	96.8	96.9	97.3	97.6	97.7	97.9	98.1	98.2	98.3	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6521

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.3	62.3	62.6	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7	65.3
GE 20000	64.7	64.7	65.6	66.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	68.2
GE 18000	64.7	64.7	65.6	66.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	68.2
GE 16000	64.7	64.7	65.6	66.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	68.2
GE 14000	65.9	65.9	66.8	67.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8	69.4
GE 12000	66.2	66.2	67.1	67.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1	69.7
GE 10000	68.2	68.2	69.1	69.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.8
GE 9000	68.8	68.8	69.7	70.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.8	72.4
GE 8000	70.0	70.0	70.9	71.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.6
GE 7000	70.0	70.0	70.9	71.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.6
GE 6000	70.9	71.5	72.7	73.3	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.7
GE 5000	72.4	73.0	74.2	74.8	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	77.2
GE 4500	74.5	75.1	76.3	76.9	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6	79.2
GE 4000	75.7	76.3	77.4	78.0	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.8	80.4
GE 3500	76.9	77.4	78.6	79.2	80.4	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.0	81.6
GE 3000	77.4	78.0	79.2	79.8	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	82.2
GE 2500	78.6	79.2	80.4	81.0	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.8	83.1	83.7
GE 2000	79.2	79.8	81.0	81.6	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.4	83.7	84.3
GE 1800	79.5	80.1	81.3	81.9	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.7	84.0	84.6
GE 1500	83.1	83.7	84.9	85.5	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.5	88.1
GE 1200	84.3	84.9	86.1	86.6	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.4	88.7	89.3
GE 1000	84.3	84.9	86.1	86.6	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.4	88.7	89.3
GE 900	86.1	86.6	87.8	88.4	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.2	90.5	91.1
GE 800	86.1	86.9	88.1	89.0	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.4	92.0
GE 700	86.4	87.2	88.4	89.3	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.7	92.3
GE 600	86.6	87.5	89.0	89.9	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.3	92.9
GE 500	86.6	87.5	89.3	90.2	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.6	93.2
GE 400	86.6	87.8	90.2	91.4	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.8	94.1	95.5
GE 300	86.6	87.8	90.2	91.4	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	94.1	94.4	96.4
GE 200	86.6	87.8	90.2	91.7	93.8	93.8	93.8	94.1	94.1	94.4	94.4	94.4	94.4	94.7	96.1	98.5
GE 100	86.6	87.8	90.2	91.7	94.1	94.1	94.1	94.4	94.4	94.7	94.7	94.7	94.7	95.0	96.4	99.1
GE 000	86.6	87.8	90.2	91.7	94.1	94.1	94.1	94.4	94.4	94.7	94.7	94.7	95.0	95.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 337

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	57.3	58.5	59.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.5	61.5	61.5	61.7
GE 20000	59.4	59.4	60.8	61.7	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	64.0
GE 18000	59.4	59.4	60.8	61.7	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	64.0
GE 16000	59.4	59.4	60.8	61.7	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	64.0
GE 14000	60.1	60.1	61.5	62.4	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.5	64.5	64.5	64.7
GE 12000	61.3	61.3	62.6	63.6	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.7	65.7	65.7	65.9
GE 10000	64.5	64.5	65.9	67.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	69.1	69.1	69.1	69.4
GE 9000	64.5	64.5	65.9	67.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	69.1	69.1	69.1	69.4
GE 8000	65.2	65.2	66.6	67.7	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8	70.1
GE 7000	65.4	65.4	66.8	68.0	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	70.1	70.1	70.1	70.3
GE 6000	66.4	66.4	67.7	69.1	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	71.2	71.2	71.2	71.5
GE 5000	68.2	68.2	69.6	71.0	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	73.1	73.1	73.1	73.3
GE 4500	69.8	69.8	71.2	72.9	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	75.2	75.2	75.2	75.4
GE 4000	70.1	70.1	71.5	73.1	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	75.4	75.4	75.4	75.6
GE 3500	72.2	72.2	73.5	75.2	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.5	77.5	77.5	77.7
GE 3000	74.2	74.2	75.6	77.3	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.6	79.6	79.6	79.8
GE 2500	75.4	75.4	76.8	78.4	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	81.0	81.0	81.0	81.2
GE 2000	78.0	78.0	79.4	81.2	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.8	83.8	83.8	84.0
GE 1800	78.2	78.2	79.6	81.4	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	84.0	84.0	84.0	84.2
GE 1500	79.1	79.1	80.5	82.4	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	85.2	85.2	85.2	85.4
GE 1200	81.7	81.7	83.1	84.9	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.7	87.7	87.7	87.9
GE 1000	82.4	82.4	83.8	85.6	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	88.4	88.4	88.4	88.6
GE 900	82.6	82.6	84.0	85.8	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.9	88.9	88.9	89.1
GE 800	82.8	82.8	84.2	86.1	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	89.1	89.1	89.1	89.3
GE 700	83.5	83.5	84.9	86.8	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.8	89.8	89.8	90.0
GE 600	84.5	84.5	85.8	87.7	89.8	89.8	90.5	90.5	90.5	90.5	90.5	90.5	91.0	91.0	91.0	91.2
GE 500	85.2	85.2	86.5	88.4	90.5	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.9	91.9	91.9	92.1
GE 400	85.2	85.2	86.8	88.9	91.0	91.2	91.9	91.9	91.9	91.9	91.9	91.9	92.3	92.3	92.3	93.3
GE 300	85.2	85.2	86.8	89.1	91.2	91.4	92.1	92.3	92.3	92.3	92.6	92.8	93.5	93.5	93.5	95.1
GE 200	85.2	85.2	86.8	89.1	91.2	91.4	92.1	92.3	92.3	92.3	92.6	92.8	92.8	94.2	94.4	96.8
GE 100	85.2	85.2	86.8	89.1	91.2	91.4	92.1	92.3	92.3	92.3	92.6	92.8	92.8	94.7	95.1	99.3
GE 000	85.2	85.2	86.8	89.1	91.2	91.4	92.1	92.3	92.3	92.3	92.6	92.8	92.8	94.7	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	48.9	50.5	50.7	51.7	52.0	52.2	52.6	52.6	52.7	53.1	53.2	53.8	53.9	54.3	54.8
GE 20000	51.7	52.7	54.4	54.8	55.8	56.1	56.4	56.7	56.7	56.9	57.3	57.4	58.0	58.2	58.5	59.5
GE 18000	52.2	53.3	55.0	55.4	56.4	56.7	57.0	57.3	57.3	57.4	57.9	58.0	58.6	58.7	59.1	60.0
GE 16000	52.4	53.4	55.1	55.6	56.5	56.9	57.1	57.4	57.4	57.6	58.0	58.2	58.7	58.9	59.2	60.2
GE 14000	54.1	55.2	56.9	57.3	58.3	58.6	58.9	59.2	59.2	59.3	59.8	59.9	60.5	60.6	61.0	61.9
GE 12000	55.6	56.6	58.4	58.9	59.8	60.2	60.4	60.8	60.8	60.9	61.3	61.5	62.1	62.2	62.5	63.5
GE 10000	57.9	59.1	61.3	61.9	63.0	63.4	63.6	63.9	63.9	64.1	64.5	64.7	65.2	65.4	65.7	66.7
GE 9000	58.0	59.2	61.5	62.1	63.1	63.5	63.7	64.1	64.1	64.2	64.7	64.8	65.4	65.5	65.8	66.8
GE 8000	58.7	59.9	62.2	62.8	63.8	64.3	64.5	64.9	64.9	65.0	65.5	65.6	66.2	66.3	66.7	67.7
GE 7000	59.0	60.2	62.4	63.0	64.1	64.5	64.8	65.1	65.1	65.2	65.7	65.8	66.4	66.5	66.9	68.1
GE 6000	59.9	61.1	63.4	63.9	65.0	65.5	65.7	66.1	66.1	66.2	66.8	66.9	67.5	67.6	68.0	69.1
GE 5000	62.3	63.5	65.8	66.4	67.5	68.0	68.2	68.6	68.6	68.7	69.3	69.4	70.0	70.1	70.6	71.7
GE 4500	63.9	65.2	67.6	68.2	69.3	69.7	70.0	70.3	70.3	70.4	71.0	71.2	71.7	71.9	72.3	73.5
GE 4000	65.2	66.7	69.0	69.6	70.7	71.2	71.4	71.7	71.7	71.9	72.5	72.6	73.2	73.3	73.8	74.9
GE 3500	66.7	68.1	70.4	71.0	72.1	72.6	72.8	73.2	73.2	73.3	73.9	74.0	74.6	74.7	75.2	76.4
GE 3000	69.7	71.4	74.0	74.6	75.7	76.1	76.4	76.7	76.7	76.8	77.4	77.5	78.1	78.3	78.7	79.9
GE 2500	71.6	73.3	76.5	77.1	78.1	78.6	79.0	79.3	79.3	79.4	80.0	80.1	80.7	80.9	81.3	82.5
GE 2000	73.4	75.2	78.6	79.4	80.5	81.0	81.3	81.7	81.7	81.8	82.4	82.5	83.2	83.3	83.8	85.0
GE 1800	73.6	75.5	79.1	79.9	81.0	81.4	81.8	82.2	82.2	82.3	82.9	83.0	83.7	83.8	84.3	85.5
GE 1500	74.0	75.9	79.6	81.0	82.2	82.6	83.1	83.5	83.5	83.6	84.2	84.3	85.0	85.1	85.6	86.8
GE 1200	74.5	76.5	80.5	82.0	83.3	83.8	84.3	84.8	84.8	84.9	85.5	85.6	86.3	86.4	86.9	88.1
GE 1000	75.1	77.2	81.3	83.0	84.3	84.8	85.2	85.7	85.7	85.8	86.4	86.5	87.2	87.4	87.8	89.0
GE 900	75.2	77.4	81.8	83.5	84.9	85.3	85.8	86.3	86.3	86.4	87.0	87.1	87.8	87.9	88.4	89.6
GE 800	75.3	77.5	82.4	84.0	85.5	85.9	86.4	86.9	86.9	87.0	87.6	87.7	88.4	88.5	89.0	90.2
GE 700	75.3	77.5	82.4	84.0	85.6	86.1	86.5	87.0	87.0	87.1	87.7	87.8	88.5	88.7	89.1	90.3
GE 600	75.5	77.9	82.7	84.4	86.1	86.5	87.0	87.6	87.6	87.7	88.3	88.4	89.1	89.2	89.7	90.9
GE 500	75.8	78.1	83.1	84.9	86.9	87.6	88.1	88.7	88.7	88.8	89.4	89.5	90.2	90.3	90.8	92.0
GE 400	75.8	78.1	83.2	85.0	87.1	87.8	88.3	88.9	89.0	89.1	89.7	89.8	90.5	90.7	91.1	92.8
GE 300	75.8	78.3	83.3	85.1	87.2	87.9	88.5	89.4	89.5	90.2	90.9	91.0	92.0	92.3	92.6	95.2
GE 200	75.8	78.3	83.6	85.3	87.5	88.2	88.8	89.6	89.7	90.5	91.3	91.4	92.3	92.9	93.5	97.3
GE 100	75.8	78.3	83.6	85.3	87.5	88.2	88.8	89.6	89.7	90.5	91.4	91.5	92.7	93.3	94.1	99.8
GE 000	75.8	78.3	83.6	85.3	87.5	88.2	88.8	89.6	89.7	90.5	91.4	91.5	92.7	93.3	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	52.1	53.4	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.8
GE 20000	58.3	59.5	61.0	62.1	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	63.2
GE 18000	58.9	60.1	61.6	62.7	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.8
GE 16000	59.1	60.3	61.8	62.9	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	64.0
GE 14000	59.9	61.1	62.8	63.9	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	65.0
GE 12000	61.7	62.9	64.7	65.7	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	67.0
GE 10000	64.0	65.2	67.1	68.3	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.7
GE 9000	64.0	65.2	67.1	68.3	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.7
GE 8000	66.3	67.6	69.7	70.9	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.5
GE 7000	66.7	68.0	70.1	71.3	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.9
GE 6000	68.1	69.5	71.6	72.8	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.3
GE 5000	69.8	71.3	73.3	74.5	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9	76.2
GE 4500	71.8	73.3	75.4	76.6	77.5	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.3
GE 4000	75.2	76.8	78.9	80.2	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	82.0
GE 3500	77.0	78.7	80.8	82.1	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	84.0
GE 3000	79.4	81.2	83.5	85.0	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	87.0
GE 2500	81.3	83.3	85.7	87.2	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	89.1
GE 2000	82.3	84.7	87.1	88.5	89.5	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.4	90.4	90.4	90.7
GE 1800	82.6	85.0	87.4	88.8	89.8	90.0	90.2	90.3	90.3	90.5	90.5	90.5	90.8	90.8	90.8	91.1
GE 1500	83.1	85.5	88.1	89.7	90.8	91.0	91.2	91.3	91.4	91.6	91.6	91.6	91.9	92.0	92.0	92.3
GE 1200	83.3	85.8	88.7	90.5	91.8	92.1	92.3	92.4	92.5	92.7	92.7	92.7	93.0	93.1	93.1	93.4
GE 1000	83.5	86.1	89.2	91.2	92.5	92.8	93.0	93.1	93.2	93.4	93.4	93.4	93.7	93.8	93.8	94.2
GE 900	83.6	86.2	89.3	91.3	92.6	92.9	93.1	93.2	93.3	93.5	93.5	93.5	93.8	93.9	93.9	94.3
GE 800	83.8	86.5	89.7	91.9	93.3	93.7	93.9	94.0	94.1	94.3	94.3	94.3	94.6	94.7	94.7	95.1
GE 700	83.8	86.5	89.7	92.0	93.4	93.8	94.1	94.2	94.3	94.5	94.5	94.5	94.8	94.9	94.9	95.3
GE 600	84.0	86.8	90.1	92.5	94.1	94.5	95.0	95.2	95.3	95.5	95.5	95.5	95.8	95.9	95.9	96.2
GE 500	84.0	86.8	90.2	92.7	94.5	95.0	95.7	95.9	96.0	96.3	96.3	96.3	96.6	96.7	96.7	97.1
GE 400	84.2	87.0	90.4	93.0	94.8	95.3	96.0	96.4	96.5	96.9	97.1	97.1	97.5	97.6	97.6	98.0
GE 300	84.2	87.0	90.4	93.0	94.8	95.3	96.1	96.6	96.7	97.1	97.3	97.4	98.0	98.1	98.1	98.8
GE 200	84.2	87.0	90.5	93.1	94.9	95.4	96.2	96.8	96.9	97.3	97.6	97.8	98.4	98.6	98.6	99.6
GE 100	84.2	87.0	90.5	93.1	94.9	95.4	96.2	96.8	96.9	97.3	97.6	97.8	98.6	98.8	98.9	100.0
GE 000	84.2	87.0	90.5	93.1	94.9	95.4	96.2	96.8	96.9	97.3	97.6	97.8	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1013

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	57.5	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	66.0	67.9	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	66.5	68.3	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	67.3	69.1	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	67.9	69.8	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	69.5	71.4	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	71.2	73.2	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	71.4	73.4	74.3	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	74.8	76.7	77.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	75.4	77.4	78.4	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	75.9	78.0	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	77.9	80.1	81.5	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	78.9	81.1	82.4	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	81.4	83.9	85.5	86.3	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	83.6	86.2	88.1	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	86.3	89.0	90.9	91.9	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	87.7	90.3	92.4	93.6	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	88.5	91.3	93.6	94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	88.6	91.5	93.8	95.0	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	89.2	92.3	94.7	95.9	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	89.9	93.2	95.9	97.1	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	90.1	93.4	96.1	97.7	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	90.4	93.8	96.4	98.1	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.6	94.0	96.6	98.3	99.2	99.3	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1014

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.4	54.1	54.7	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	65.3	65.9	66.8	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	66.4	67.0	67.8	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 16000	67.0	67.6	68.5	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	68.6	69.4	70.3	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	69.6	70.4	71.4	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 10000	72.2	73.3	74.5	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	72.8	74.0	75.1	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	74.8	75.9	77.1	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	75.7	76.9	78.1	78.4	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	76.6	77.7	79.0	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	79.0	80.2	81.8	82.1	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	80.2	81.6	83.1	83.4	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	81.7	83.3	85.2	85.5	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	83.3	85.2	87.4	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	85.2	87.4	89.9	90.5	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	86.0	88.5	91.0	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	86.9	89.4	92.0	93.0	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	87.1	89.6	92.2	93.2	93.6	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	87.6	90.1	92.7	93.9	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	88.4	91.0	93.6	94.9	95.5	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	89.0	91.6	94.2	95.5	96.1	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	89.4	92.0	94.6	96.1	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	89.5	92.1	94.7	96.3	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	89.6	92.2	94.8	96.6	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	89.6	92.2	94.8	96.6	97.3	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	90.1	92.7	95.4	97.2	98.1	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	90.1	92.7	95.4	97.2	98.1	98.2	98.3	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9
GE 300	90.1	92.7	95.4	97.2	98.1	98.2	98.3	98.5	98.5	98.6	99.1	99.1	99.2	99.2	99.3	99.3
GE 200	90.1	92.7	95.4	97.2	98.1	98.2	98.3	98.5	98.5	98.6	99.1	99.3	99.6	99.6	99.7	99.7
GE 100	90.1	92.7	95.4	97.2	98.1	98.2	98.3	98.5	98.5	98.6	99.2	99.4	99.8	99.8	100.0	100.0
GE 000	90.1	92.7	95.4	97.2	98.1	98.2	98.3	98.5	98.5	98.6	99.2	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 960

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	58.4	59.0	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	62.7	63.7	64.3	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	63.9	64.9	65.6	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	64.3	65.3	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	65.6	66.6	67.5	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	67.1	68.1	69.0	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	70.1	71.1	72.3	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	70.5	71.5	72.6	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	71.8	72.9	74.0	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	72.6	73.8	75.0	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	73.6	74.8	76.0	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	75.7	76.8	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	77.4	78.6	80.1	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4000	78.3	79.4	81.0	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	79.4	80.6	82.5	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3000	82.7	84.1	86.1	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	83.9	85.8	88.0	88.9	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	84.9	86.9	89.2	90.0	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800	85.0	87.0	89.3	90.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	85.9	88.0	90.4	91.4	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	86.9	89.2	91.8	92.8	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	87.3	89.5	92.3	93.3	93.9	93.9	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	87.8	90.0	92.8	93.8	94.6	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	88.0	90.3	93.1	94.2	95.0	95.0	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	88.1	90.5	93.3	94.6	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	88.1	90.5	93.4	94.7	95.5	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	88.4	90.9	93.9	95.3	96.1	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	88.4	90.9	94.1	95.5	96.5	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	88.5	91.0	94.2	95.6	96.8	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	98.0
GE 200	88.5	91.0	94.2	95.6	96.8	97.1	97.4	97.5	97.6	97.7	97.7	97.7	98.0	98.0	98.1	98.9
GE 100	88.5	91.0	94.2	95.6	96.8	97.1	97.4	97.6	97.7	97.9	97.9	97.9	98.2	98.2	98.5	99.7
GE 000	88.5	91.0	94.2	95.6	96.8	97.1	97.4	97.6	97.7	97.9	97.9	97.9	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 793

OPERATING LOCATION "A"
USAFETAC, ASEEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.3	57.7	58.0	58.7	58.7	58.7	58.8	58.8	58.9	58.9	58.9	59.2	59.2	59.2	59.6
GE 20000	61.7	62.3	62.7	63.0	63.6	63.6	63.6	63.8	63.8	63.9	63.9	63.9	64.2	64.2	64.2	64.6
GE 18000	61.8	62.5	62.9	63.1	64.0	64.0	64.0	64.2	64.2	64.3	64.3	64.3	64.6	64.6	64.7	65.1
GE 16000	62.2	62.9	63.3	63.5	64.4	64.4	64.4	64.6	64.6	64.7	64.7	64.7	65.0	65.0	65.1	65.5
GE 14000	63.4	64.0	64.4	64.7	65.6	65.6	65.6	65.7	65.7	65.9	65.9	65.9	66.1	66.1	66.3	66.7
GE 12000	64.7	65.4	65.9	66.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.6	67.6	67.7	68.1
GE 10000	67.1	67.7	68.2	68.5	69.4	69.4	69.4	69.6	69.6	69.7	69.7	69.7	69.9	69.9	70.1	70.5
GE 9000	67.1	67.7	68.2	68.5	69.4	69.4	69.4	69.6	69.6	69.7	69.7	69.7	69.9	69.9	70.1	70.5
GE 8000	68.2	68.9	69.4	69.7	70.6	70.6	70.6	70.7	70.7	70.9	70.9	70.9	71.1	71.1	71.3	71.7
GE 7000	69.0	69.7	70.2	70.5	71.4	71.4	71.4	71.5	71.5	71.7	71.7	71.7	71.9	71.9	72.0	72.4
GE 6000	71.0	71.7	72.2	72.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.9	73.9	74.0	74.4
GE 5000	72.3	73.0	73.5	73.8	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	75.2	75.2	75.3	75.7
GE 4500	74.4	75.1	75.6	75.9	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.3	77.3	77.4	77.8
GE 4000	76.8	77.4	78.0	78.3	79.3	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.8	79.8	79.9	80.3
GE 3500	77.7	78.3	78.9	79.3	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.7	80.7	80.8	81.2
GE 3000	80.8	81.8	83.1	83.6	84.5	84.5	84.6	84.8	84.8	84.9	84.9	84.9	85.2	85.2	85.3	85.7
GE 2500	82.4	83.3	84.8	85.4	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.7	87.0	87.0	87.1	87.5
GE 2000	83.9	84.8	86.5	87.1	88.1	88.1	88.2	88.3	88.3	88.5	88.5	88.5	88.7	88.7	88.8	89.2
GE 1800	83.9	84.8	86.6	87.3	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.8	88.8	89.0	89.4
GE 1500	85.2	86.1	88.1	88.7	89.9	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.6	90.6	90.7	91.1
GE 1200	86.6	87.5	89.8	90.4	91.6	91.6	91.7	91.9	91.9	92.0	92.0	92.0	92.3	92.3	92.4	92.8
GE 1000	87.5	88.5	90.9	91.6	92.8	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.6	94.0
GE 900	88.2	89.1	91.6	92.3	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	94.1	94.1	94.2	94.6
GE 800	88.6	89.5	92.0	92.7	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.5	94.5	94.6	95.0
GE 700	88.6	89.5	92.0	92.7	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.5	94.5	94.6	95.0
GE 600	88.7	89.6	92.7	93.3	94.5	94.5	94.6	94.8	94.8	94.9	94.9	94.9	95.1	95.1	95.3	95.7
GE 500	88.7	89.8	93.0	93.7	94.9	94.9	95.0	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.7	96.1
GE 400	88.7	89.8	93.0	93.7	94.9	94.9	95.0	95.1	95.1	95.3	95.4	95.4	95.7	95.7	95.8	96.3
GE 300	88.7	89.8	93.0	93.7	94.9	94.9	95.0	95.3	95.3	95.5	95.7	95.7	95.9	95.9	96.1	97.2
GE 200	88.7	89.8	93.0	93.7	94.9	94.9	95.0	95.3	95.3	95.8	95.9	96.1	96.5	96.5	96.9	99.2
GE 100	88.7	89.8	93.0	93.7	94.9	94.9	95.0	95.3	95.3	95.8	95.9	96.1	96.5	96.5	97.2	99.6
GE 000	88.7	89.8	93.0	93.7	94.9	94.9	95.0	95.3	95.3	95.8	95.9	96.1	96.5	96.5	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 762

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	55.2	56.1	56.4	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.5	57.7
GE 20000	61.2	62.1	63.1	63.6	64.2	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.8	65.0
GE 18000	61.8	62.7	63.7	64.2	64.8	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.4	65.7
GE 16000	62.1	63.1	64.2	64.7	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.7	65.8	65.8	66.1
GE 14000	63.3	64.3	65.4	65.9	66.4	66.5	66.6	66.7	66.7	66.7	66.8	66.8	67.0	67.0	67.1	67.3
GE 12000	64.7	65.6	66.8	67.3	67.9	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.4	68.4	68.5	68.8
GE 10000	67.1	68.1	69.4	70.0	70.7	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.2	71.2	71.3	71.6
GE 9000	67.3	68.4	69.7	70.3	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.4	71.4	71.5	71.8
GE 8000	69.1	70.2	71.5	72.1	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.3	73.3	73.4	73.7
GE 7000	69.6	70.7	72.1	72.7	73.4	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.9	73.9	74.0	74.3
GE 6000	70.7	71.9	73.3	74.0	74.6	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.2	75.2	75.3	75.6
GE 5000	72.6	73.8	75.4	76.1	76.8	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.4	77.4	77.5	77.8
GE 4500	74.3	75.5	77.1	77.8	78.5	78.6	78.7	78.8	78.8	78.8	78.9	78.9	79.1	79.1	79.2	79.5
GE 4000	76.1	77.5	79.2	79.9	80.7	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.3	81.3	81.4	81.7
GE 3500	77.7	79.2	80.9	81.7	82.5	82.6	82.7	82.8	82.8	82.9	82.9	83.0	83.1	83.2	83.3	83.6
GE 3000	80.2	81.9	83.9	84.8	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.3	86.4	86.5	86.8
GE 2500	81.7	83.4	85.6	86.6	87.5	87.6	87.8	87.9	87.9	87.9	88.0	88.0	88.2	88.2	88.3	88.6
GE 2000	82.9	84.8	87.1	88.1	89.0	89.1	89.3	89.4	89.4	89.5	89.6	89.6	89.8	89.8	89.9	90.2
GE 1800	83.0	85.0	87.3	88.4	89.2	89.4	89.6	89.7	89.7	89.8	89.8	89.9	90.1	90.1	90.2	90.5
GE 1500	83.9	85.9	88.3	89.5	90.5	90.6	90.8	91.0	91.0	91.0	91.1	91.1	91.4	91.4	91.5	91.8
GE 1200	84.8	86.9	89.5	90.8	91.8	92.0	92.3	92.4	92.4	92.5	92.6	92.6	92.8	92.9	92.9	93.3
GE 1000	85.2	87.3	90.1	91.5	92.6	92.7	93.0	93.1	93.1	93.2	93.3	93.3	93.6	93.6	93.7	94.0
GE 900	85.6	87.8	90.6	92.0	93.1	93.3	93.5	93.7	93.7	93.8	93.9	93.9	94.1	94.1	94.2	94.6
GE 800	85.8	88.0	90.9	92.4	93.5	93.7	93.9	94.1	94.1	94.2	94.3	94.3	94.5	94.5	94.7	95.0
GE 700	85.9	88.1	91.0	92.6	93.7	93.9	94.2	94.3	94.3	94.4	94.5	94.5	94.8	94.8	94.9	95.2
GE 600	86.1	88.3	91.3	92.9	94.1	94.3	94.6	94.8	94.8	94.9	95.0	95.0	95.2	95.3	95.4	95.7
GE 500	86.3	88.5	91.6	93.3	94.6	94.9	95.2	95.4	95.4	95.6	95.7	95.7	95.9	96.0	96.1	96.4
GE 400	86.3	88.6	91.8	93.5	94.9	95.1	95.5	95.7	95.7	95.9	96.1	96.1	96.3	96.3	96.5	97.0
GE 300	86.3	88.6	91.8	93.5	94.9	95.2	95.6	95.9	96.0	96.2	96.5	96.5	96.9	96.9	97.0	97.9
GE 200	86.3	88.6	91.8	93.6	95.0	95.3	95.7	96.0	96.1	96.4	96.7	96.8	97.2	97.4	97.6	99.0
GE 100	86.3	88.6	91.8	93.6	95.0	95.3	95.7	96.0	96.1	96.4	96.7	96.8	97.4	97.6	98.0	99.8
GE 000	86.3	88.6	91.8	93.6	95.0	95.3	95.7	96.0	96.1	96.4	96.7	96.8	97.4	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6156

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
 LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
 MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	51.6	51.6	52.1	52.3	52.3	52.5	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.8	54.0
GE 20000	54.7	54.7	54.7	55.1	55.3	55.3	55.5	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.8	57.0
GE 18000	55.1	55.1	55.1	55.5	55.7	55.7	56.0	56.4	56.4	56.6	56.6	56.6	56.6	56.6	57.3	57.5
GE 16000	55.1	55.1	55.1	55.5	55.7	55.7	56.0	56.4	56.4	56.6	56.6	56.6	56.6	56.6	57.3	57.5
GE 14000	56.4	56.4	56.4	56.8	57.0	57.0	57.3	57.7	57.7	57.9	57.9	57.9	57.9	57.9	58.6	58.8
GE 12000	56.6	56.6	56.6	57.0	57.3	57.3	57.5	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.8	59.0
GE 10000	59.9	59.9	60.1	60.5	60.7	60.7	61.0	61.4	61.4	61.6	61.6	61.6	61.6	61.6	62.3	62.5
GE 9000	59.9	59.9	60.1	60.5	60.7	60.7	61.0	61.4	61.4	61.6	61.6	61.6	61.6	61.6	62.3	62.5
GE 8000	60.1	60.1	60.3	60.7	61.0	61.0	61.2	61.6	61.6	61.8	61.8	61.8	61.8	61.8	62.5	62.7
GE 7000	60.3	60.3	60.5	61.0	61.2	61.2	61.4	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.7	62.9
GE 6000	61.0	61.0	61.2	61.6	61.8	61.8	62.0	62.5	62.5	62.7	62.7	62.7	62.7	62.7	63.3	63.6
GE 5000	62.7	62.7	62.9	63.3	63.6	63.6	63.8	64.2	64.2	64.4	64.4	64.4	64.4	64.4	65.1	65.3
GE 4500	65.5	65.5	65.7	66.2	66.4	66.4	66.6	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.9	68.1
GE 4000	67.2	67.2	67.5	67.9	68.1	68.1	68.3	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.6	69.8
GE 3500	70.3	70.3	70.7	71.1	71.4	71.4	71.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.9	73.1
GE 3000	72.9	73.1	73.5	74.0	74.4	74.4	74.6	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.9	76.1
GE 2500	73.8	74.0	74.4	74.8	75.5	75.5	75.7	76.1	76.1	76.4	76.4	76.4	76.4	76.4	77.0	77.2
GE 2000	77.9	78.1	78.5	79.0	79.6	79.6	79.8	80.3	80.3	80.5	80.5	80.5	80.5	80.5	81.1	81.3
GE 1800	79.0	79.2	79.6	80.0	80.7	80.7	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	82.2	82.4
GE 1500	81.1	81.3	81.8	82.2	82.9	82.9	83.1	83.5	83.5	83.7	83.7	83.7	83.7	83.7	84.4	84.6
GE 1200	82.6	83.1	83.5	83.9	84.6	84.6	84.8	85.2	85.2	85.5	85.5	85.5	85.5	85.5	86.1	86.3
GE 1000	84.2	84.8	85.2	85.7	86.3	86.3	86.6	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.9	88.1
GE 900	85.0	85.7	86.3	86.8	87.4	87.4	87.6	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.9	89.2
GE 800	85.7	86.6	87.2	87.6	88.3	88.3	88.5	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.8	90.0
GE 700	86.1	87.0	87.6	88.1	88.7	88.7	88.9	89.4	89.4	89.6	89.6	89.6	89.6	89.6	90.2	90.5
GE 600	86.3	87.4	88.1	88.5	89.2	89.2	89.4	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.7	90.9
GE 500	87.0	88.1	88.9	89.4	90.0	90.0	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.5	91.8
GE 400	87.4	88.5	89.6	90.0	91.3	92.0	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	93.5	93.7
GE 300	87.4	88.7	90.0	90.7	92.4	93.3	93.7	94.1	94.1	94.8	94.8	94.8	94.8	94.8	95.4	97.0
GE 200	87.4	88.7	90.0	90.7	92.4	93.3	93.7	94.1	94.1	95.0	95.2	95.2	95.2	95.2	96.1	99.1
GE 100	87.4	88.7	90.0	90.7	92.4	93.3	93.7	94.1	94.1	95.0	95.2	95.2	95.2	95.2	96.3	100.0
GE 000	87.4	88.7	90.0	90.7	92.4	93.3	93.7	94.1	94.1	95.0	95.2	95.2	95.2	95.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 461

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	44.6	45.0	45.0	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	46.4
GE 20000	48.8	49.2	49.5	49.5	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	51.0
GE 18000	48.8	49.2	49.5	49.5	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	51.0
GE 16000	48.8	49.2	49.5	49.5	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	51.0
GE 14000	49.0	49.4	49.7	49.7	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.2
GE 12000	49.2	49.5	49.9	49.9	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	51.4
GE 10000	52.1	52.5	53.0	53.0	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.5
GE 9000	52.1	52.5	53.0	53.0	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.5
GE 8000	52.5	52.8	53.4	53.4	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.9
GE 7000	53.0	53.4	53.9	53.9	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	55.4
GE 6000	55.0	55.4	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	57.4
GE 5000	57.4	57.8	58.7	58.7	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.2
GE 4500	59.3	59.6	60.6	60.6	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	62.0
GE 4000	60.6	60.9	61.8	61.8	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.3
GE 3500	64.4	64.8	65.9	65.9	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	67.3
GE 3000	69.4	70.1	71.4	71.4	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.8
GE 2500	71.6	72.3	73.8	73.9	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.4
GE 2000	73.8	74.5	76.0	76.3	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.8
GE 1800	75.2	76.0	77.4	77.8	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	79.3
GE 1500	76.9	77.6	79.1	79.4	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.9
GE 1200	78.0	78.7	80.2	80.6	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	82.0
GE 1000	78.7	80.0	81.8	82.2	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.7
GE 900	78.9	80.2	82.2	82.6	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.2
GE 800	78.9	80.4	82.8	83.1	83.7	83.7	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	85.3
GE 700	79.1	80.6	82.9	83.3	84.0	84.0	84.4	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.9
GE 600	79.4	81.1	83.5	84.6	85.5	85.5	85.9	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	87.3
GE 500	80.4	82.0	84.8	86.1	88.3	88.3	88.6	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	90.1
GE 400	80.6	82.2	85.1	86.8	89.5	89.5	89.9	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	91.7
GE 300	80.6	82.2	85.1	87.2	90.1	90.5	91.0	91.2	91.2	92.1	92.3	92.3	92.5	92.7	92.7	94.1
GE 200	80.6	82.2	85.1	87.2	90.5	90.8	91.6	91.7	91.7	92.7	93.4	93.4	93.6	93.8	93.9	98.0
GE 100	80.6	82.2	85.1	87.2	90.5	90.8	91.6	91.7	91.7	92.7	93.6	93.6	93.8	94.1	94.5	99.8
GE 000	80.6	82.2	85.1	87.2	90.5	90.8	91.6	91.7	91.7	92.7	93.6	93.6	93.8	94.1	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 545

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	42.9	43.3	43.8	44.2	44.2	44.5	44.5	44.6	44.7	44.7	44.9	45.1	45.2	45.2	45.9
GE 20000	45.5	45.9	46.4	47.0	47.4	47.4	48.0	48.0	48.1	48.2	48.2	48.4	48.6	48.7	48.7	49.5
GE 18000	46.1	46.5	47.0	47.7	48.2	48.2	48.7	48.7	48.8	48.9	48.9	49.1	49.3	49.4	49.4	50.3
GE 16000	46.1	46.5	47.0	47.7	48.2	48.2	48.7	48.7	48.8	48.9	48.9	49.1	49.3	49.4	49.4	50.3
GE 14000	47.1	47.6	48.3	49.0	49.5	49.5	50.0	50.0	50.1	50.2	50.2	50.4	50.6	50.7	50.7	51.6
GE 12000	48.3	48.8	49.5	50.2	50.7	50.8	51.3	51.3	51.4	51.6	51.6	51.8	52.0	52.1	52.1	53.1
GE 10000	51.4	51.9	52.7	53.4	54.0	54.1	54.6	54.6	54.7	54.9	54.9	55.1	55.3	55.4	55.4	56.3
GE 9000	51.6	52.1	52.9	53.6	54.2	54.3	54.8	54.8	54.9	55.1	55.1	55.3	55.5	55.6	55.6	56.5
GE 8000	53.0	53.6	54.3	55.1	55.7	55.8	56.3	56.3	56.4	56.6	56.6	56.8	57.0	57.1	57.1	58.2
GE 7000	53.4	54.0	54.7	55.5	56.1	56.2	56.7	56.7	56.8	57.0	57.0	57.2	57.4	57.6	57.6	58.6
GE 6000	55.0	55.7	56.4	57.3	58.0	58.1	58.6	58.6	58.7	58.9	58.9	59.1	59.3	59.4	59.4	60.4
GE 5000	58.0	58.8	59.5	60.4	61.0	61.1	61.6	61.6	61.7	61.9	61.9	62.1	62.3	62.4	62.4	63.5
GE 4500	59.8	60.6	61.4	62.3	63.0	63.1	63.6	63.6	63.7	63.9	63.9	64.1	64.3	64.4	64.4	65.4
GE 4000	62.9	63.7	64.5	65.5	66.1	66.2	66.7	66.7	66.8	67.0	67.0	67.2	67.4	67.6	67.6	68.6
GE 3500	65.7	66.6	67.4	68.5	69.2	69.3	69.8	69.8	69.9	70.1	70.1	70.3	70.5	70.6	70.6	71.6
GE 3000	69.8	70.9	72.0	73.3	74.1	74.2	74.7	74.7	74.8	75.0	75.0	75.2	75.4	75.5	75.5	76.5
GE 2500	71.7	72.9	74.4	75.7	76.5	76.6	77.1	77.1	77.2	77.4	77.4	77.7	77.9	78.0	78.0	79.0
GE 2000	74.7	76.2	77.8	79.4	80.3	80.4	80.9	80.9	81.0	81.2	81.2	81.4	81.6	81.7	81.7	83.0
GE 1800	75.7	77.3	78.9	80.6	81.5	81.6	82.1	82.1	82.2	82.4	82.4	82.7	82.9	83.0	83.0	84.2
GE 1500	77.3	79.1	80.8	82.6	83.6	83.8	84.3	84.4	84.5	84.7	84.7	84.9	85.1	85.2	85.2	86.4
GE 1200	78.6	80.4	82.4	84.5	85.6	85.9	86.4	86.5	86.6	86.8	86.8	87.0	87.2	87.3	87.3	88.6
GE 1000	78.8	80.6	82.9	84.9	86.0	86.4	86.9	87.0	87.1	87.3	87.4	87.7	88.0	88.1	88.1	89.3
GE 900	79.1	81.0	83.5	85.5	86.7	87.1	87.8	87.9	88.0	88.2	88.3	88.5	88.8	88.9	88.9	90.1
GE 800	79.4	81.3	83.8	85.9	87.3	87.9	88.5	88.7	88.8	89.0	89.2	89.4	89.7	89.8	89.8	91.0
GE 700	79.5	81.5	84.1	86.4	88.1	88.7	89.3	89.5	89.6	89.8	90.1	90.3	90.6	90.7	90.7	91.9
GE 600	79.6	81.7	84.7	87.1	89.0	89.6	90.3	90.5	90.6	90.8	91.1	91.3	91.6	91.7	91.7	93.0
GE 500	79.6	81.8	84.9	87.3	89.5	90.1	90.9	91.2	91.5	91.9	92.2	92.4	92.8	92.9	92.9	94.1
GE 400	79.6	81.8	84.9	87.3	89.7	90.3	91.4	91.9	92.2	92.8	93.1	93.3	93.8	93.9	93.9	95.1
GE 300	79.7	81.9	85.0	87.4	89.8	90.5	91.6	92.3	92.7	93.2	93.5	93.8	94.3	94.5	94.6	96.0
GE 200	79.7	81.9	85.0	87.4	89.9	90.6	91.7	92.6	93.0	93.5	93.8	94.1	94.6	94.9	95.3	98.3
GE 100	79.7	81.9	85.1	87.6	90.1	90.8	92.0	92.9	93.3	93.8	94.1	94.4	95.0	95.3	95.8	99.5
GE 000	79.7	81.9	85.1	87.6	90.1	90.8	92.0	92.9	93.3	93.8	94.1	94.4	95.0	95.3	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 980

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	49.5	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
GE 20000	54.5	54.6	55.1	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
GE 18000	55.2	55.4	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
GE 16000	55.2	55.4	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.7
GE 14000	56.5	56.8	57.4	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.2
GE 12000	58.2	58.6	59.2	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 10000	62.0	62.4	63.2	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 9000	62.1	62.6	63.4	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3
GE 8000	64.3	64.7	65.5	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6
GE 7000	65.1	65.5	66.3	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5
GE 6000	67.1	67.5	68.3	68.8	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5
GE 5000	69.1	69.5	70.3	70.9	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6
GE 4500	70.2	70.7	71.6	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.8
GE 4000	72.7	73.2	74.1	74.8	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6
GE 3500	77.9	78.4	79.5	80.2	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0
GE 3000	81.3	81.9	83.0	83.8	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 2500	83.0	83.7	84.8	85.7	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 2000	84.2	85.0	86.1	87.0	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 1800	84.9	85.7	86.8	87.8	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.0
GE 1500	87.2	88.0	89.2	90.3	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7
GE 1200	88.0	89.1	90.4	91.6	92.6	92.7	92.8	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.4
GE 1000	88.1	89.4	91.0	92.5	93.6	93.7	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.5
GE 900	88.2	89.6	91.4	93.1	94.3	94.4	94.7	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.2
GE 800	88.3	89.7	91.7	93.5	94.7	94.8	95.0	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5
GE 700	88.3	89.8	91.8	93.8	95.2	95.3	95.6	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 600	88.3	89.8	91.8	93.8	95.3	95.4	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4
GE 500	88.3	89.9	91.9	94.0	96.0	96.1	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6
GE 400	88.3	89.9	92.0	94.1	96.2	96.2	97.2	97.5	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.4
GE 300	88.3	89.9	92.0	94.2	96.3	96.4	97.5	97.7	98.0	98.4	98.7	98.8	99.0	99.0	99.0	99.1
GE 200	88.3	89.9	92.0	94.2	96.3	96.5	97.6	97.8	98.3	98.8	99.1	99.2	99.5	99.5	99.6	99.8
GE 100	88.3	89.9	92.0	94.2	96.3	96.5	97.6	97.8	98.3	98.9	99.2	99.3	99.6	99.6	99.7	100.0
GE 000	88.3	89.9	92.0	94.2	96.3	96.5	97.6	97.8	98.3	98.9	99.2	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1146

RATING LOCATION "A"
FETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 12-14

LING N ET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	56.7	56.7	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
20000	64.0	64.0	64.1	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
18000	64.1	64.1	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
16000	64.1	64.1	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
14000	65.8	65.8	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
12000	66.7	66.7	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
10000	69.7	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
9000	70.1	70.1	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
8000	72.0	72.0	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
7000	73.0	73.0	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
6000	74.5	74.5	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
5000	75.7	75.7	76.4	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
4500	77.1	77.1	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
4000	78.8	78.8	79.6	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
3500	84.2	84.2	85.1	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
3000	88.7	88.7	89.6	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2500	89.9	90.0	91.0	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2000	90.7	90.9	92.1	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1800	91.1	91.4	92.6	93.3	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1500	91.9	92.1	93.4	94.2	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1200	92.8	93.3	94.6	95.5	96.0	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1000	93.3	93.9	95.3	96.3	96.9	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
900	93.5	94.1	95.6	96.9	97.5	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
800	93.5	94.1	95.6	96.9	97.6	97.6	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
700	93.5	94.1	95.7	97.0	97.9	98.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
600	93.5	94.2	96.0	97.4	98.4	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	93.5	94.3	96.1	97.6	98.7	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	93.5	94.3	96.1	97.6	98.7	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	93.5	94.3	96.1	97.6	98.7	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	93.5	94.3	96.1	97.6	98.7	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
100	93.5	94.3	96.1	97.6	98.7	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
000	93.5	94.3	96.1	97.6	98.7	99.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

ALL NUMBER OF OBSERVATIONS 1146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 20000	63.6	63.6	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
GE 18000	63.6	63.6	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
GE 16000	63.6	63.6	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 14000	64.9	64.9	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 12000	65.8	65.8	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
GE 10000	69.6	69.6	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
GE 9000	70.1	70.1	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 8000	71.4	71.4	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
GE 7000	72.5	72.5	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 6000	73.8	73.8	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 5000	75.0	75.0	75.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 4500	76.2	76.2	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 4000	78.1	78.2	78.8	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
GE 3500	82.3	82.4	83.0	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 3000	87.1	87.2	87.7	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 2500	88.2	88.5	89.0	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 2000	89.5	89.9	90.5	90.8	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1800	89.7	90.1	90.7	91.0	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	90.2	90.7	91.3	91.7	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 1200	91.0	91.6	92.2	92.9	93.6	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 1000	91.8	92.4	93.0	93.9	94.5	94.5	94.7	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 900	92.0	92.7	93.3	94.1	94.9	94.9	95.1	95.2	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 800	92.3	92.9	93.6	94.5	95.2	95.2	95.4	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 700	92.8	93.4	94.1	95.1	95.8	95.8	96.0	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 600	93.3	94.0	94.7	95.9	97.0	97.0	97.2	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	93.3	94.0	94.7	96.0	97.2	97.2	97.3	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	93.4	94.0	94.8	96.2	97.3	97.3	97.7	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 300	93.4	94.0	94.9	96.2	97.6	97.6	98.2	98.4	98.5	98.9	99.1	99.1	99.5	99.6	99.6	99.8
GE 200	93.4	94.0	94.9	96.2	97.6	97.6	98.2	98.4	98.5	98.9	99.1	99.1	99.5	99.7	99.8	100.0
GE 100	93.4	94.0	94.9	96.2	97.6	97.6	98.2	98.4	98.5	98.9	99.1	99.1	99.5	99.7	99.8	100.0
GE 000	93.4	94.0	94.9	96.2	97.6	97.6	98.2	98.4	98.5	98.9	99.1	99.1	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1092

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	51.2	51.5	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
20000	56.2	56.6	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
18000	56.2	56.6	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
16000	56.5	56.9	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
14000	57.7	58.1	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
12000	58.5	59.0	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
10000	60.8	61.2	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
9000	61.3	61.8	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
8000	63.8	64.2	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
7000	65.3	65.7	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
6000	66.0	66.5	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
5000	67.6	68.1	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
4500	69.7	70.2	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
4000	71.8	72.4	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
3500	76.2	76.8	77.9	78.0	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
3000	80.9	81.6	82.7	82.8	83.4	83.5	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2500	83.3	84.1	85.4	85.6	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2000	84.7	85.5	86.8	87.0	87.7	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
1800	85.0	85.8	87.1	87.3	88.0	88.1	88.1	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
1500	86.8	87.5	88.8	89.0	89.9	90.0	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1200	88.1	88.9	90.3	90.5	91.5	91.6	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
1000	89.4	90.2	91.7	91.9	93.1	93.2	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
900	90.3	91.2	92.8	93.1	94.2	94.3	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
800	90.8	91.8	93.4	93.6	94.8	94.9	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
700	91.1	92.1	93.7	94.1	95.4	95.5	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
600	91.3	92.3	93.9	94.6	95.9	96.0	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500	91.5	92.4	94.0	94.8	96.3	96.4	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
400	91.6	92.6	94.2	95.0	96.5	96.6	96.8	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4
300	91.6	92.6	94.2	95.1	96.7	96.8	97.1	97.4	97.4	98.0	98.0	98.0	98.2	98.3	98.5	98.8
200	91.6	92.6	94.2	95.1	96.7	96.8	97.1	97.4	97.4	98.2	98.7	98.7	99.0	99.4	99.6	99.9
100	91.6	92.6	94.2	95.1	96.7	96.8	97.1	97.4	97.4	98.2	98.7	98.7	99.0	99.4	99.7	100.0
000	91.6	92.6	94.2	95.1	96.7	96.8	97.1	97.4	97.4	98.2	98.7	98.7	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 936

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	54.6	54.8	54.9	54.9	54.9	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000	57.0	57.3	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	57.4	57.7	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000	57.6	58.0	58.6	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	58.2	58.5	59.2	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	59.6	60.0	60.6	60.7	60.7	60.7	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
GE 10000	61.5	61.8	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	61.6	62.0	62.6	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	63.0	63.4	64.1	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	64.1	64.5	65.2	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	65.2	65.6	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	67.1	67.5	68.2	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	68.5	69.0	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	70.5	71.3	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 3500	74.7	75.5	76.6	76.9	77.0	77.1	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	77.4	78.2	79.5	79.8	80.0	80.1	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500	79.5	80.4	81.9	82.2	82.5	82.6	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	81.9	82.8	84.2	84.5	85.0	85.1	85.3	85.3	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	82.4	83.3	84.8	85.1	85.5	85.7	85.9	85.9	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	83.8	84.6	86.1	86.4	87.0	87.1	87.4	87.4	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	85.8	86.8	88.4	88.8	89.3	89.4	89.8	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	87.0	88.2	89.9	90.2	90.9	91.0	91.3	91.3	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	87.2	88.4	90.1	90.4	91.1	91.2	91.5	91.5	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	87.9	89.2	90.9	91.2	91.9	92.0	92.3	92.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	88.4	89.8	91.4	92.0	92.7	92.8	93.1	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	89.1	90.4	92.1	92.8	93.5	93.7	94.1	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	89.5	90.9	92.5	93.3	94.1	94.2	94.7	94.7	94.7	94.8	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	89.8	91.4	93.1	93.9	94.9	95.0	95.4	95.4	95.4	95.6	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	89.9	91.5	93.2	94.0	95.1	95.2	95.7	95.8	95.8	96.9	97.4	97.4	98.2	98.2	98.4	98.9
GE 200	89.9	91.5	93.2	94.0	95.1	95.2	95.7	96.0	96.0	97.1	97.9	97.9	98.9	98.9	99.1	99.7
GE 100	89.9	91.5	93.2	94.0	95.1	95.2	95.7	96.0	96.0	97.1	97.9	97.9	98.9	98.9	99.1	99.7
GE 000	89.9	91.5	93.2	94.0	95.1	95.2	95.7	96.0	96.0	97.1	97.9	97.9	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 899

REPORTING LOCATION "A"
WFFAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
CEIL	51.1	51.3	51.5	51.7	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.2	52.4
20000	56.3	56.5	56.9	57.1	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7	57.9
18000	56.6	56.8	57.2	57.4	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0	58.2
16000	56.7	56.9	57.3	57.5	57.7	57.7	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.1	58.3
14000	57.8	58.0	58.5	58.7	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.5
12000	58.8	59.0	59.5	59.7	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.6
10000	61.8	62.1	62.6	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.7
9000	62.1	62.4	62.9	63.2	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.8	64.0
8000	63.7	64.0	64.5	64.8	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.6
7000	64.6	64.9	65.4	65.7	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.6
6000	66.0	66.3	66.9	67.2	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	68.1
5000	67.8	68.1	68.8	69.1	69.3	69.4	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8	70.0
4500	69.4	69.7	70.5	70.8	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.8
4000	71.5	71.9	72.7	73.1	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.9	74.1
3500	75.8	76.2	77.1	77.6	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.7
3000	79.8	80.3	81.3	81.8	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	83.1
2500	81.5	82.1	83.2	83.8	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	85.1
2000	83.3	84.0	85.2	85.8	86.5	86.6	86.7	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.3
1800	84.0	84.7	85.8	86.5	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	88.0
1500	85.4	86.2	87.4	88.1	88.8	88.9	89.1	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.5	89.7
1200	86.6	87.5	88.8	89.6	90.4	90.5	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.5
1000	87.3	88.3	89.8	90.7	91.5	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.7
900	87.6	88.7	90.3	91.3	92.2	92.3	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.1	93.1	93.4
800	87.9	89.0	90.7	91.7	92.6	92.8	93.0	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.9
700	88.1	89.3	91.0	92.2	93.2	93.3	93.6	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.6
600	88.4	89.6	91.4	92.7	93.9	94.1	94.4	94.6	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.3
500	88.6	89.9	91.7	93.1	94.5	94.7	95.1	95.4	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.2
400	88.7	90.0	91.9	93.3	94.9	95.2	95.7	96.0	96.1	96.3	96.5	96.5	96.6	96.6	96.7	96.9
300	88.7	90.0	91.9	93.4	95.2	95.5	95.1	96.4	96.5	97.1	97.3	97.3	97.6	97.7	97.8	98.3
200	88.7	90.0	91.9	93.4	95.2	95.5	96.1	96.5	96.7	97.3	97.6	97.7	98.1	98.2	98.4	99.5
100	88.7	90.0	91.9	93.5	95.3	95.6	96.2	96.6	96.8	97.3	97.7	97.8	98.1	98.3	98.5	99.9
000	88.7	90.0	91.9	93.5	95.3	95.6	96.2	96.6	96.8	97.3	97.7	97.8	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1
GE 20000	59.0	59.2	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
GE 18000	59.0	59.2	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
GE 16000	59.0	59.2	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
GE 14000	59.2	59.4	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.4
GE 12000	59.4	59.7	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
GE 10000	60.1	60.4	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
GE 9000	60.6	60.8	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.8
GE 8000	60.6	60.8	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.8
GE 7000	61.1	61.3	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
GE 6000	63.4	63.6	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5
GE 5000	65.4	65.7	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6
GE 4500	66.6	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7
GE 4000	68.0	68.2	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1
GE 3500	69.1	69.4	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3
GE 3000	70.3	70.5	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
GE 2500	71.7	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 2000	75.6	75.8	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
GE 1800	78.3	78.6	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5
GE 1500	82.3	82.5	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
GE 1200	82.9	83.2	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
GE 1000	84.3	84.6	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5
GE 900	85.5	85.7	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
GE 800	86.2	86.4	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
GE 700	86.9	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
GE 600	87.3	87.6	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5
GE 500	88.0	88.2	88.9	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1
GE 400	89.2	89.6	90.3	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.7	91.9	92.2
GE 300	89.2	89.6	90.3	90.8	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.9	93.5	94.0	94.5
GE 200	89.2	89.6	90.3	90.8	92.2	92.6	92.9	93.1	93.1	93.1	93.5	94.5	96.5	97.0	97.5	98.6
GE 100	89.2	89.6	90.3	90.8	92.2	92.6	92.9	93.3	93.3	93.3	93.8	94.7	96.8	97.5	98.4	100.0
GE 000	89.2	89.6	90.3	90.8	92.2	92.6	92.9	93.3	93.3	93.3	93.8	94.7	96.8	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	48.3	49.5	49.7	49.8	49.8	49.8	49.8	49.8	50.0	50.2	50.2	50.2	50.2	50.2	51.0
GE 20000	49.0	50.3	51.6	51.7	51.9	51.9	51.9	51.9	51.9	52.1	52.3	52.3	52.3	52.3	52.3	53.1
GE 18000	49.0	50.3	51.6	51.7	51.9	51.9	51.9	51.9	51.9	52.1	52.3	52.3	52.3	52.3	52.3	53.1
GE 16000	49.0	50.3	51.6	51.7	51.9	51.9	51.9	51.9	51.9	52.1	52.3	52.3	52.3	52.3	52.3	53.1
GE 14000	49.7	51.0	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.8
GE 12000	49.8	51.2	52.4	52.6	52.8	52.8	52.8	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.1	54.0
GE 10000	51.4	52.8	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.7	54.9	54.9	54.9	54.9	54.9	55.7
GE 9000	51.6	53.0	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.9
GE 8000	51.7	53.1	54.3	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.2	55.2	55.2	55.2	55.2	56.1
GE 7000	52.1	53.5	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.6	55.6	55.6	55.6	55.6	56.4
GE 6000	54.0	55.4	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.5	58.3
GE 5000	55.9	57.3	58.5	58.9	59.0	59.0	59.0	59.0	59.0	59.2	59.4	59.4	59.4	59.4	59.4	60.2
GE 4500	57.6	59.0	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.9	61.1	61.1	61.1	61.1	61.1	62.0
GE 4000	59.4	60.8	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	63.7
GE 3500	60.1	61.5	62.8	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	64.6
GE 3000	62.7	64.1	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.3	66.3	66.3	66.3	66.3	67.2
GE 2500	65.5	66.8	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	70.0
GE 2000	69.6	71.0	72.4	72.7	72.9	72.9	72.9	72.9	72.9	73.1	73.3	73.3	73.3	73.3	73.3	74.1
GE 1800	70.5	71.9	73.3	73.6	73.8	73.8	73.8	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	75.0
GE 1500	74.1	75.5	76.9	77.3	77.4	77.4	77.6	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.8
GE 1200	75.7	77.1	78.6	79.0	79.2	79.2	79.3	79.3	79.3	79.5	79.7	79.7	79.7	79.7	79.7	80.6
GE 1000	76.9	78.3	79.9	80.4	80.6	80.6	80.7	80.7	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.9
GE 900	77.4	79.0	80.6	81.1	81.3	81.3	81.6	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	82.8
GE 800	78.5	80.2	81.9	82.5	82.6	82.6	83.3	83.3	83.3	83.5	83.7	83.7	83.7	83.7	83.7	84.5
GE 700	79.3	81.1	83.2	83.7	84.0	84.0	84.7	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.9
GE 600	80.2	82.1	84.2	84.7	85.2	85.2	85.9	86.1	86.1	86.3	86.5	86.5	86.5	86.5	86.5	87.3
GE 500	81.6	83.9	86.1	87.0	88.0	88.0	88.7	88.9	88.9	89.6	89.8	89.8	89.8	89.8	89.8	90.6
GE 400	82.1	84.5	86.8	87.8	89.4	89.4	90.1	90.3	90.3	91.1	91.3	91.3	91.8	91.8	91.8	92.7
GE 300	82.5	85.2	87.5	88.5	90.6	90.6	91.3	91.5	91.8	92.7	93.1	93.1	93.6	93.6	93.6	94.6
GE 200	82.6	85.6	87.8	88.9	91.1	91.1	91.8	92.0	92.4	93.2	93.6	93.6	94.6	95.0	95.5	98.1
GE 100	82.6	85.6	87.8	88.9	91.1	91.1	91.8	92.0	92.4	93.2	93.6	93.6	94.6	95.0	96.0	100.0
GE 000	82.6	85.6	87.8	88.9	91.1	91.1	91.8	92.0	92.4	93.2	93.6	93.6	94.6	95.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 576

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	44.6	45.6	46.7	47.6	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.2	48.2	48.2	48.9
GE 20000	47.8	48.0	49.3	50.5	51.6	51.6	51.6	51.8	51.8	51.9	51.9	51.9	52.2	52.2	52.2	53.0
GE 18000	48.0	48.2	49.5	50.7	51.8	51.8	51.8	52.0	52.0	52.1	52.1	52.1	52.5	52.5	52.5	53.2
GE 16000	48.1	48.3	49.6	50.9	51.9	51.9	51.9	52.1	52.1	52.2	52.2	52.2	52.6	52.6	52.6	53.3
GE 14000	48.4	48.6	49.9	51.2	52.2	52.2	52.2	52.5	52.5	52.6	52.6	52.6	52.9	52.9	52.9	53.6
GE 12000	48.9	49.1	50.4	51.7	52.8	52.8	52.8	53.0	53.0	53.1	53.1	53.1	53.4	53.4	53.4	54.2
GE 10000	50.5	50.7	52.1	53.4	54.5	54.5	54.5	54.7	54.7	54.8	54.8	54.8	55.1	55.1	55.1	55.9
GE 9000	50.6	50.9	52.2	53.5	54.6	54.6	54.6	54.8	54.8	54.9	54.9	54.9	55.2	55.2	55.2	56.0
GE 8000	52.4	52.7	54.1	55.4	56.5	56.5	56.5	56.7	56.7	56.8	56.8	56.8	57.2	57.2	57.2	57.9
GE 7000	53.1	53.5	54.9	56.3	57.4	57.4	57.4	57.6	57.6	57.7	57.7	57.7	58.0	58.0	58.0	58.8
GE 6000	54.1	54.5	55.9	57.3	58.3	58.3	58.3	58.5	58.5	58.7	58.7	58.7	59.0	59.0	59.0	59.7
GE 5000	55.7	56.1	57.5	58.9	59.9	59.9	59.9	60.1	60.1	60.3	60.3	60.3	60.6	60.6	60.6	61.3
GE 4500	57.1	57.5	58.9	60.3	61.3	61.3	61.3	61.5	61.5	61.6	61.6	61.6	62.0	62.0	62.0	62.7
GE 4000	57.8	58.2	59.7	61.1	62.2	62.2	62.2	62.4	62.4	62.5	62.5	62.5	62.8	62.8	62.8	63.6
GE 3500	58.8	59.3	60.8	62.3	63.4	63.4	63.4	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.7
GE 3000	60.6	61.1	62.8	64.3	65.4	65.4	65.4	65.6	65.6	65.7	65.7	65.7	66.0	66.0	66.0	66.8
GE 2500	62.2	62.8	64.5	66.1	67.2	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.8	67.8	67.8	68.6
GE 2000	65.1	65.7	67.4	69.0	70.1	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.7	70.7	70.7	71.5
GE 1800	66.6	67.2	68.9	70.6	71.7	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.3	72.3	72.3	73.1
GE 1500	69.4	70.3	72.5	74.3	75.5	75.5	75.5	75.7	75.7	75.9	75.9	75.9	76.2	76.2	76.2	76.9
GE 1200	70.7	71.9	74.7	76.6	77.9	77.9	77.9	78.1	78.1	78.2	78.2	78.3	78.6	78.6	78.6	79.4
GE 1000	72.2	73.8	77.1	79.2	80.7	80.7	80.7	80.9	81.0	81.1	81.1	81.2	81.6	81.6	81.6	82.4
GE 900	73.4	75.4	79.0	81.1	82.8	82.8	82.8	83.0	83.1	83.2	83.2	83.3	83.8	83.8	83.8	84.5
GE 800	74.0	76.2	80.1	82.5	84.3	84.3	84.3	84.5	84.6	84.7	84.7	84.8	85.3	85.3	85.3	86.0
GE 700	74.1	76.5	80.7	83.5	85.6	85.6	85.7	85.9	86.0	86.1	86.1	86.2	86.6	86.6	86.6	87.4
GE 600	74.5	76.9	81.2	84.5	86.8	86.8	87.1	87.3	87.4	87.5	87.5	87.6	88.0	88.0	88.0	88.8
GE 500	74.6	77.0	81.4	85.1	88.1	88.2	88.6	89.0	89.1	89.3	89.3	89.4	90.0	90.1	90.1	90.8
GE 400	74.8	77.4	81.7	85.6	88.8	89.0	89.5	90.2	90.4	90.7	91.0	91.1	91.7	91.8	91.8	92.5
GE 300	74.8	77.4	81.7	85.7	89.0	89.3	90.1	90.9	91.2	91.7	92.2	92.4	93.3	93.4	93.5	94.7
GE 200	74.8	77.4	81.7	85.7	89.0	89.4	90.4	91.3	91.9	92.6	93.6	93.8	95.0	95.3	95.6	98.3
GE 100	74.8	77.4	81.7	85.7	89.0	89.4	90.4	91.3	91.9	92.6	93.6	93.8	95.2	95.8	96.3	99.7
GE 000	74.8	77.4	81.7	85.7	89.0	89.4	90.4	91.3	91.9	92.6	93.6	93.8	95.2	95.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 936

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070 STATION NAME: FORT ORD/FRITZCHE AAF CA PERIOD OF RECORD: AUG 76 - JUL 91
LST TO UTC: + 8 MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	56.0	57.5	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	61.0	62.1	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	61.5	62.7	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	61.8	63.0	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	62.6	63.8	65.5	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	63.4	64.6	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	64.9	66.1	68.0	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	65.0	66.2	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	66.7	67.8	69.7	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	67.0	68.2	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	67.9	69.1	71.0	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	69.4	70.6	72.5	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	70.6	71.7	73.6	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	72.4	73.6	75.5	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	73.8	75.0	77.1	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	77.4	78.5	80.7	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	79.4	80.6	82.8	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	82.2	83.5	85.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	83.2	84.4	86.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	85.1	86.7	89.3	90.3	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	86.4	88.2	91.4	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	87.1	89.1	92.5	93.7	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	87.5	89.6	93.1	94.7	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	87.7	89.8	93.5	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	87.8	89.9	93.7	95.9	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	88.0	90.1	94.1	96.5	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	88.0	90.1	94.1	96.6	98.3	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	88.0	90.1	94.1	96.7	98.4	98.6	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	88.0	90.1	94.1	96.7	98.4	98.6	98.9	99.3	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9
GE 200	88.0	90.1	94.1	96.7	98.4	98.6	98.9	99.3	99.5	99.5	99.6	99.6	99.8	99.9	99.9	100.0
GE 100	88.0	90.1	94.1	96.7	98.4	98.6	98.9	99.3	99.5	99.5	99.6	99.6	99.8	99.9	99.9	100.0
GE 000	88.0	90.1	94.1	96.7	98.4	98.6	98.9	99.3	99.5	99.5	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1104

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.8	64.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	72.9	73.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	73.4	74.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	73.5	74.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	74.2	75.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 12000	74.8	75.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	76.2	77.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	76.2	77.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	77.7	78.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	78.3	79.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	79.1	80.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	80.3	81.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	81.6	82.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	83.0	84.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	83.9	85.0	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	87.1	88.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500	87.9	89.0	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	89.3	90.6	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	89.7	90.9	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	90.6	91.8	93.2	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	91.7	93.1	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	92.8	94.4	96.5	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	93.1	94.7	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	93.3	94.8	97.0	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	93.6	95.1	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	93.7	95.2	97.6	98.2	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	93.7	95.3	97.8	98.5	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	93.8	95.4	97.9	98.6	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.8	95.4	97.9	98.6	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	93.8	95.4	97.9	98.6	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	93.8	95.4	97.9	98.6	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	93.8	95.4	97.9	98.6	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1104

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.8	62.4	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	72.2	72.7	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 18000	72.8	73.4	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	72.8	73.4	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	73.5	74.1	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	74.0	74.5	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 10000	75.5	76.1	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	76.1	76.7	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	77.5	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	78.1	78.7	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 6000	78.9	79.4	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	80.1	80.9	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	81.3	82.1	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	82.9	83.6	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	83.9	84.8	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	85.9	86.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2500	86.7	87.7	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	88.1	89.1	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	88.7	89.7	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	90.0	90.9	92.0	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	91.3	92.3	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	92.2	93.6	94.6	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	92.7	94.1	95.1	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	92.8	94.2	95.7	96.1	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	93.0	94.4	96.0	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	93.4	94.8	96.7	97.3	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	93.4	94.8	97.1	97.7	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	93.4	94.8	97.1	97.7	98.2	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	93.4	94.8	97.1	97.7	98.2	98.3	98.7	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	93.4	94.8	97.1	97.7	98.2	98.3	98.7	99.0	99.0	99.6	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	93.4	94.8	97.1	97.7	98.2	98.3	98.7	99.0	99.0	99.6	99.7	99.7	99.7	100.0	100.0	100.0
GE 000	93.4	94.8	97.1	97.7	98.2	98.3	98.7	99.0	99.0	99.6	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1045

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	66.9	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	67.5	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	67.5	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	68.6	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	68.9	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	70.3	71.1	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	70.5	71.3	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	71.6	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	72.9	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	74.8	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	76.4	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	78.0	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	79.0	79.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	79.8	80.6	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	80.9	81.7	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	82.5	83.3	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	84.3	85.1	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	84.7	85.5	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	86.7	87.6	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	87.6	88.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	89.5	90.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	91.2	92.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	91.5	92.4	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 700	92.5	93.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 600	92.6	93.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5
GE 500	92.7	93.8	96.1	96.5	96.6	96.6	96.7	97.0	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 400	92.7	93.8	96.1	96.7	97.0	97.0	97.3	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1
GE 300	92.7	93.8	96.4	96.9	97.3	97.3	97.6	98.2	98.2	98.5	98.7	99.0	99.2	99.2	99.2	99.2
GE 200	92.7	93.8	96.4	96.9	97.3	97.3	97.7	98.3	98.3	98.6	98.9	99.1	99.8	99.9	99.9	99.9
GE 100	92.7	93.8	96.4	96.9	97.3	97.3	97.7	98.3	98.3	98.6	98.9	99.1	99.8	100.0	100.0	100.0
GE 000	92.7	93.8	96.4	96.9	97.3	97.3	97.7	98.3	98.3	98.6	98.9	99.1	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 878

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.1	65.2	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
GE 20000	67.4	67.6	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4
GE 18000	67.8	67.9	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
GE 16000	67.8	67.9	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
GE 14000	68.3	68.4	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3
GE 12000	68.8	68.9	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8
GE 10000	69.7	69.8	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6
GE 9000	69.9	70.0	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9
GE 8000	70.4	70.5	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4
GE 7000	71.3	71.4	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2
GE 6000	73.1	73.2	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
GE 5000	75.6	75.7	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
GE 4500	76.9	77.0	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
GE 4000	77.1	77.3	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
GE 3500	77.8	77.9	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7
GE 3000	79.9	80.0	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0
GE 2500	81.2	81.3	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3
GE 2000	84.6	84.8	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7
GE 1800	85.3	85.4	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4
GE 1500	87.1	87.2	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
GE 1200	88.6	88.7	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
GE 1000	89.8	89.9	90.4	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0
GE 900	90.9	91.0	91.5	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1
GE 800	91.4	91.5	92.0	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
GE 700	92.8	93.0	93.6	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
GE 600	93.5	93.7	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0
GE 500	93.9	94.2	95.2	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
GE 400	94.0	94.3	95.3	96.2	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1
GE 300	94.0	94.3	95.5	96.6	97.3	97.3	97.8	97.9	97.9	98.2	98.5	98.6	98.8	98.9	98.9	98.9
GE 200	94.0	94.3	95.5	96.6	97.3	97.3	97.8	97.9	97.9	98.3	98.8	98.9	99.1	99.3	99.5	99.5
GE 100	94.0	94.3	95.5	96.6	97.3	97.3	97.8	97.9	97.9	98.3	98.8	98.9	99.4	99.6	99.9	99.9
GE 000	94.0	94.3	95.5	96.6	97.3	97.3	97.8	97.9	97.9	98.3	98.8	98.9	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 814

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	57.8	58.7	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.4
GE 20000	63.2	63.9	64.8	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7
GE 18000	63.6	64.3	65.3	65.5	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.1
GE 16000	63.7	64.3	65.3	65.6	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.2
GE 14000	64.3	65.0	66.0	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.9
GE 12000	64.8	65.5	66.5	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4
GE 10000	66.2	66.9	67.9	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.8
GE 9000	66.4	67.1	68.1	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0
GE 8000	67.6	68.3	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.2
GE 7000	68.2	68.9	70.0	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.9
GE 6000	69.5	70.3	71.3	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.2
GE 5000	71.2	71.9	73.0	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.9
GE 4500	72.5	73.3	74.3	74.6	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.2
GE 4000	73.7	74.5	75.6	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5
GE 3500	74.7	75.5	76.7	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.7
GE 3000	77.0	77.8	79.1	79.5	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.2
GE 2500	78.5	79.3	80.6	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.7
GE 2000	81.0	81.9	83.2	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.4
GE 1800	81.9	82.8	84.0	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.3
GE 1500	83.9	84.9	86.3	86.9	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6
GE 1200	85.2	86.3	87.9	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.3
GE 1000	86.4	87.6	89.5	90.1	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	91.0
GE 900	87.2	88.5	90.4	91.2	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.1
GE 800	87.6	88.9	91.1	91.9	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9
GE 700	88.1	89.5	91.8	92.8	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.9
GE 600	88.4	89.9	92.4	93.5	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.9
GE 500	88.7	90.2	92.8	94.2	95.1	95.2	95.4	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.1
GE 400	88.8	90.4	93.0	94.5	95.6	95.7	96.0	96.3	96.4	96.5	96.6	96.7	96.8	96.9	96.9	97.0
GE 300	88.9	90.5	93.2	94.6	95.9	96.0	96.4	96.8	96.9	97.2	97.4	97.5	97.8	97.9	97.9	98.2
GE 200	88.9	90.5	93.2	94.6	95.9	96.1	96.5	97.0	97.1	97.5	97.8	97.9	98.4	98.6	98.8	99.4
GE 100	88.9	90.5	93.2	94.6	95.9	96.1	96.5	97.0	97.1	97.5	97.8	97.9	98.5	98.8	99.0	99.9
GE 000	88.9	90.5	93.2	94.6	95.9	96.1	96.5	97.0	97.1	97.5	97.8	97.9	98.5	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.3	56.3	56.3	56.8
GE 20000	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.7	59.7	59.7	60.2
GE 18000	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.7	59.7	59.7	60.2
GE 16000	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.7	59.7	59.7	60.2
GE 14000	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4	60.4	60.4	60.9
GE 12000	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.9	60.9	60.9	61.4
GE 10000	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.1	62.1	62.1	62.6
GE 9000	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.1	62.1	62.1	62.6
GE 8000	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.6	62.6	62.6	63.1
GE 7000	62.1	62.1	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.9	62.9	62.9	63.3
GE 6000	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.6	63.6	63.6	64.1
GE 5000	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.3	64.3	64.3	64.8
GE 4500	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.8	64.8	64.8	65.3
GE 4000	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.8	65.8	65.8	66.3
GE 3500	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.5
GE 3000	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.6
GE 2500	71.8	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.6	72.6	72.6	73.1
GE 2000	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.4	77.4	77.4	77.9
GE 1800	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.4	78.4	78.4	78.9
GE 1500	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.6	79.6	79.6	80.1
GE 1200	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.5
GE 1000	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.5	83.5	83.5	84.0
GE 900	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	84.0	84.0	84.0	84.5
GE 800	85.0	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.9	85.9	85.9	86.4
GE 700	85.4	85.7	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.6
GE 600	86.2	86.4	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.6	89.1
GE 500	86.7	86.9	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.3	89.3	89.3	89.8
GE 400	88.8	89.3	91.0	91.5	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.7	92.7	92.7	93.2
GE 300	88.8	89.6	92.0	93.0	93.7	93.7	93.9	93.9	93.9	94.4	94.4	94.4	94.9	94.9	94.9	95.4
GE 200	88.8	89.6	92.0	93.0	93.7	93.9	94.2	94.2	94.2	95.6	96.1	96.1	97.6	97.6	98.1	98.8
GE 100	88.8	89.6	92.0	93.0	93.7	93.9	94.2	94.2	94.2	96.1	96.6	96.6	98.3	98.3	99.3	100.0
GE 000	88.8	89.6	92.0	93.0	93.7	93.9	94.2	94.2	94.2	96.1	96.6	96.6	98.3	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 412

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	39.8	40.0	40.3	40.5	40.6	40.8	40.8	40.8	40.8	41.0	41.1	41.6	41.6	42.0	42.3
GE 20000	41.6	42.0	42.1	42.5	42.6	42.8	43.0	43.0	43.0	43.0	43.1	43.3	43.8	43.8	44.1	44.4
GE 18000	41.6	42.0	42.1	42.5	42.6	42.8	43.0	43.0	43.0	43.0	43.1	43.3	43.8	43.8	44.1	44.4
GE 16000	41.6	42.0	42.1	42.5	42.6	42.8	43.0	43.0	43.0	43.0	43.1	43.3	43.8	43.8	44.1	44.4
GE 14000	42.1	42.5	42.6	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.6	43.8	44.3	44.3	44.6	44.9
GE 12000	42.1	42.5	42.6	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.6	43.8	44.3	44.3	44.6	44.9
GE 10000	42.5	42.8	43.0	43.3	43.4	43.6	43.8	43.8	43.8	43.8	43.9	44.1	44.6	44.6	44.9	45.3
GE 9000	43.0	43.3	43.4	43.8	43.9	44.1	44.3	44.3	44.3	44.3	44.4	44.6	44.6	45.1	45.1	45.4
GE 8000	43.1	43.4	43.6	43.9	44.1	44.3	44.4	44.4	44.4	44.4	44.6	44.8	45.3	45.3	45.6	45.9
GE 7000	43.1	43.4	43.6	43.9	44.1	44.3	44.4	44.4	44.4	44.4	44.6	44.8	45.3	45.3	45.6	45.9
GE 6000	43.4	43.8	43.9	44.3	44.4	44.6	44.8	44.8	44.8	44.8	44.9	45.1	45.6	45.6	45.9	46.3
GE 5000	43.8	44.1	44.3	44.6	44.8	44.9	45.1	45.1	45.1	45.1	45.3	45.4	45.9	45.9	46.3	46.6
GE 4500	43.8	44.1	44.3	44.6	44.8	44.9	45.1	45.1	45.1	45.1	45.3	45.4	45.9	45.9	46.3	46.6
GE 4000	44.3	44.6	44.8	45.1	45.3	45.4	45.6	45.6	45.6	45.6	45.8	45.9	46.4	46.4	46.8	47.1
GE 3500	46.1	46.4	46.6	46.9	47.1	47.3	47.4	47.4	47.4	47.4	47.6	47.8	48.3	48.3	48.6	48.9
GE 3000	49.9	50.4	50.6	50.9	51.1	51.2	51.4	51.4	51.4	51.4	51.6	51.7	52.2	52.2	52.6	52.9
GE 2500	54.1	54.6	54.9	55.2	55.4	55.6	55.7	55.7	55.7	55.7	55.9	56.1	56.6	56.6	56.9	57.2
GE 2000	59.0	59.7	60.0	60.5	60.7	60.9	61.0	61.0	61.0	61.0	61.2	61.4	61.9	61.9	62.2	62.5
GE 1800	60.2	60.9	61.2	61.7	61.9	62.0	62.2	62.2	62.2	62.2	62.4	62.5	63.0	63.0	63.3	63.7
GE 1500	64.0	64.7	65.2	65.7	65.8	66.0	66.2	66.2	66.2	66.2	66.3	66.5	67.0	67.0	67.3	67.7
GE 1200	67.0	67.8	68.5	69.2	69.3	69.5	69.8	69.8	69.8	69.8	70.0	70.1	70.6	70.6	71.0	71.3
GE 1000	68.0	68.8	69.7	70.3	70.6	70.8	71.1	71.3	71.3	71.3	71.5	71.6	72.1	72.1	72.5	72.8
GE 900	69.8	70.8	71.8	72.5	72.8	73.0	73.3	73.5	73.6	73.6	73.8	74.0	74.5	74.5	74.8	75.1
GE 800	71.1	72.3	74.0	75.0	75.5	75.6	76.0	76.1	76.3	76.3	76.5	76.6	77.1	77.1	77.4	77.8
GE 700	71.8	73.1	75.1	76.1	76.6	76.8	77.1	77.3	77.4	77.6	77.8	77.9	78.4	78.4	78.8	79.1
GE 600	73.5	75.1	77.6	78.6	79.6	79.8	80.1	80.3	80.4	80.6	80.8	80.9	81.4	81.4	81.8	82.1
GE 500	74.1	76.0	79.1	80.3	81.4	81.6	82.1	82.3	82.4	82.6	82.8	82.9	83.4	83.4	83.7	84.1
GE 400	74.3	76.6	80.6	83.1	84.4	84.6	85.2	85.7	86.1	86.4	86.7	86.9	87.6	87.6	87.9	88.2
GE 300	74.6	76.9	81.3	83.7	85.7	85.9	86.6	87.1	87.4	88.1	89.4	89.9	90.9	91.2	92.0	93.2
GE 200	74.6	76.9	81.3	83.7	85.7	85.9	87.2	88.1	88.4	89.2	91.0	91.7	93.0	93.9	96.0	98.5
GE 100	74.6	76.9	81.3	83.7	85.7	85.9	87.2	88.1	88.4	89.4	91.4	92.0	93.5	94.5	97.0	100.0
GE 000	74.6	76.9	81.3	83.7	85.7	85.9	87.2	88.1	88.4	89.4	91.4	92.0	93.5	94.5	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 603

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
0 CEIL	35.7	36.8	37.8	38.5	38.7	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.5	39.5	39.7	40.0
20000	38.0	39.4	40.3	41.1	41.5	41.8	41.9	41.9	41.9	42.1	42.2	42.2	42.4	42.4	42.7	43.0
18000	38.0	39.4	40.3	41.1	41.5	41.8	41.9	41.9	41.9	42.1	42.2	42.2	42.4	42.4	42.7	43.0
16000	38.0	39.5	40.4	41.2	41.6	41.9	42.0	42.0	42.0	42.2	42.3	42.3	42.5	42.5	42.8	43.1
14000	38.1	39.6	40.6	41.5	41.9	42.2	42.3	42.3	42.3	42.4	42.5	42.5	42.8	42.8	43.1	43.5
12000	39.0	40.4	41.5	42.4	42.7	43.0	43.1	43.1	43.1	43.3	43.4	43.4	43.8	43.8	44.1	44.5
10000	40.2	41.6	42.6	43.5	43.9	44.2	44.3	44.3	44.3	44.5	44.6	44.6	44.9	44.9	45.2	45.6
9000	40.2	41.7	42.7	43.6	44.0	44.3	44.4	44.4	44.4	44.6	44.6	44.6	45.0	45.0	45.3	45.7
8000	40.8	42.3	43.4	44.3	44.6	44.9	45.0	45.0	45.0	45.2	45.3	45.3	45.7	45.7	46.0	46.4
7000	40.9	42.4	43.5	44.4	44.7	45.0	45.1	45.1	45.1	45.3	45.4	45.4	45.8	45.8	46.1	46.5
6000	41.0	42.4	43.6	44.5	44.8	45.1	45.2	45.2	45.2	45.4	45.5	45.5	45.9	45.9	46.2	46.6
5000	41.7	43.1	44.3	45.1	45.5	45.8	45.9	45.9	45.9	46.1	46.2	46.2	46.6	46.6	46.8	47.2
4500	42.1	43.5	44.6	45.5	45.9	46.2	46.3	46.3	46.3	46.5	46.6	46.6	46.9	46.9	47.2	47.6
4000	42.8	44.3	45.4	46.3	46.7	46.9	47.0	47.0	47.0	47.2	47.3	47.3	47.7	47.7	48.0	48.4
3500	45.1	46.6	47.7	48.6	48.9	49.2	49.3	49.3	49.3	49.5	49.6	49.6	50.0	50.0	50.3	50.7
3000	48.5	49.9	51.1	52.0	52.4	52.7	52.8	52.8	52.8	53.0	53.1	53.1	53.4	53.4	53.7	54.1
2500	53.3	54.8	56.1	57.0	57.4	57.6	57.7	57.7	57.7	57.9	58.0	58.0	58.4	58.4	58.7	59.1
2000	58.7	60.3	61.9	62.7	63.2	63.5	63.6	63.6	63.6	63.8	63.9	63.9	64.2	64.2	64.5	64.9
1800	59.8	61.4	63.1	64.0	64.4	64.7	64.8	64.8	64.8	65.0	65.1	65.1	65.5	65.5	65.8	66.2
1500	62.0	63.7	65.4	66.3	66.7	67.0	67.2	67.2	67.2	67.4	67.5	67.5	67.9	67.9	68.2	68.5
1200	64.6	66.5	68.5	69.3	69.8	70.1	70.5	70.5	70.6	70.8	70.9	70.9	71.3	71.3	71.6	72.0
1000	65.4	67.7	70.0	71.6	72.2	72.5	72.8	72.8	72.9	73.2	73.3	73.3	73.7	73.7	74.0	74.4
900	66.8	69.7	72.3	74.0	74.9	75.1	75.6	75.7	75.8	76.1	76.2	76.2	76.6	76.6	76.9	77.2
800	67.6	70.8	74.0	76.0	77.0	77.2	77.8	77.9	78.0	78.3	78.4	78.4	78.8	78.8	79.1	79.4
700	68.5	71.8	75.1	78.1	79.5	79.8	80.4	80.6	80.7	81.0	81.1	81.1	81.5	81.5	81.7	82.1
600	68.6	72.1	75.9	79.3	81.5	82.0	82.6	83.0	83.2	83.6	83.7	83.7	84.0	84.0	84.3	84.7
500	68.8	72.4	77.0	81.3	83.8	84.5	85.5	85.9	86.1	86.7	86.9	86.9	87.4	87.4	87.7	88.0
400	68.8	72.4	77.6	82.2	85.4	86.2	87.7	88.9	89.3	90.0	90.2	90.2	90.9	90.9	91.3	91.9
300	68.9	72.6	77.8	82.5	86.6	87.6	89.4	90.9	91.5	92.3	93.2	93.2	94.6	94.9	95.4	96.2
200	68.9	72.6	77.8	82.5	86.6	87.8	89.6	91.2	91.8	92.6	93.7	93.9	95.8	96.7	97.8	98.9
100	68.9	72.6	77.8	82.5	86.6	87.8	89.7	91.3	92.0	92.8	93.9	94.1	96.1	97.1	98.6	100.0
000	68.9	72.6	77.8	82.5	86.6	87.8	89.7	91.3	92.0	92.8	93.9	94.1	96.1	97.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1046

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	55.5	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	59.5	59.8	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	59.6	59.9	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	59.6	59.9	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	59.7	60.1	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	60.2	60.6	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	61.3	61.7	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	61.4	61.8	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	62.0	62.5	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	62.4	62.8	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	62.6	63.0	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	63.1	63.6	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	63.5	63.9	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	64.0	64.5	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 3500	66.8	67.3	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3000	71.1	71.8	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	75.0	75.7	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	78.2	79.0	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	79.0	79.8	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	81.0	81.8	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	84.7	85.8	87.2	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	87.0	88.8	90.6	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	87.8	89.8	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	88.4	90.8	93.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	88.9	91.4	94.1	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	89.3	91.9	95.1	96.3	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	89.3	92.1	95.6	97.4	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	89.3	92.1	95.7	97.7	98.6	98.9	99.3	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	89.3	92.1	95.7	97.7	98.6	98.9	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.3	92.1	95.7	97.7	98.6	98.9	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.3	92.1	95.7	97.7	98.6	98.9	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.3	92.1	95.7	97.7	98.6	98.9	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1098

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.4	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	73.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	74.3	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	75.0	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	76.2	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	77.3	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 6000	77.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	78.3	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	78.3	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	78.8	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	83.8	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	85.2	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	86.4	86.7	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	86.8	87.1	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	88.2	88.5	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	90.8	91.3	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	92.4	93.3	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	93.0	93.8	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	93.6	94.4	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	94.3	95.3	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	95.2	96.3	97.8	97.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	95.8	97.0	98.6	98.7	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	95.8	97.0	98.6	98.7	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	96.0	97.2	98.8	99.1	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	96.0	97.2	98.8	99.1	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	96.0	97.2	98.8	99.1	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	96.0	97.2	98.8	99.1	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1098

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 18000	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 8000	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	75.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	85.1	85.4	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1000	87.7	88.1	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	89.0	89.5	90.3	90.5	90.7	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	90.0	90.6	91.5	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	91.7	92.6	93.7	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	93.0	94.0	95.3	95.5	96.0	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	93.7	94.9	96.3	97.0	97.8	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	94.1	95.3	96.8	97.5	98.7	98.9	99.0	99.2	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6
GE 300	94.1	95.3	96.8	97.5	98.7	98.9	99.0	99.2	99.2	99.2	99.5	99.7	99.8	99.8	99.9	99.9
GE 200	94.1	95.3	96.8	97.5	98.7	98.9	99.0	99.2	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0
GE 100	94.1	95.3	96.8	97.5	98.7	98.9	99.0	99.2	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0
GE 000	94.1	95.3	96.8	97.5	98.7	98.9	99.0	99.2	99.2	99.2	99.5	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 991

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	65.4	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	65.5	65.6	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	65.5	65.6	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	67.4	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	68.2	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	68.5	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	69.5	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	70.4	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	70.5	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	71.0	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	71.2	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	71.7	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	71.8	71.9	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	73.5	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 2500	75.6	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2000	76.9	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1800	78.0	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1500	79.3	79.5	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1200	81.4	81.7	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1000	83.3	83.7	84.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 900	84.8	85.1	85.5	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 800	87.0	87.5	88.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	88.2	88.9	89.9	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	89.6	90.6	91.9	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	90.7	91.7	93.3	95.2	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	90.7	91.7	93.8	95.8	97.5	97.6	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	90.7	91.8	93.9	96.2	98.1	98.2	98.7	98.8	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3
GE 200	90.7	91.9	94.0	96.4	98.3	98.5	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0
GE 100	90.7	91.9	94.0	96.4	98.3	98.5	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0
GE 000	90.7	91.9	94.0	96.4	98.3	98.5	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.0	64.2	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 20000	66.9	67.1	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 18000	66.9	67.1	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 16000	66.9	67.1	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 14000	67.3	67.5	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	67.5	67.6	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	68.1	68.2	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	68.2	68.4	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	68.9	69.1	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	69.4	69.5	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	69.8	69.9	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	70.8	71.0	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	71.2	71.4	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	71.8	72.0	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	72.3	72.4	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3000	73.6	73.7	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 2500	75.9	76.0	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2000	78.3	78.5	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	79.0	79.2	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1500	80.1	80.2	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1200	81.9	82.1	82.5	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	83.2	83.4	84.0	84.5	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 900	83.8	84.0	84.5	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 800	85.8	86.0	86.8	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 700	87.1	87.3	88.3	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	88.4	88.7	89.7	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 500	88.6	89.0	90.5	92.1	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 400	89.6	90.3	92.1	93.8	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 300	89.7	90.5	92.2	94.1	95.8	96.2	96.2	96.4	96.4	96.5	96.5	96.7	97.0	97.0	97.1	97.3
GE 200	89.7	90.5	92.2	94.1	95.8	96.2	97.0	97.7	97.7	98.3	98.4	98.6	99.0	99.0	99.1	99.4
GE 100	89.7	90.5	92.2	94.1	95.8	96.2	97.0	97.7	97.7	98.3	98.4	98.6	99.1	99.1	99.4	100.0
GE 000	89.7	90.5	92.2	94.1	95.8	96.2	97.0	97.7	97.7	98.3	98.4	98.6	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 692

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	56.0	56.5	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.2
GE 20000	59.7	60.1	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2	61.2	61.3	61.4
GE 18000	59.8	60.2	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.4	61.5
GE 16000	59.8	60.2	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.4	61.5
GE 14000	60.2	60.6	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.9
GE 12000	60.9	61.3	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.5	62.6
GE 10000	61.8	62.2	62.7	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.4	63.4	63.5	63.6
GE 9000	62.0	62.4	62.9	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.6	63.6	63.7	63.8
GE 8000	62.8	63.2	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.5	64.6
GE 7000	63.1	63.5	64.0	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.7	64.7	64.8	64.9
GE 6000	63.4	63.8	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.1
GE 5000	64.0	64.4	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.6	65.6	65.7	65.8
GE 4500	64.3	64.7	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	66.1
GE 4000	64.8	65.2	65.7	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.4	66.5	66.6
GE 3500	66.5	66.9	67.5	67.7	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.2	68.3
GE 3000	69.3	69.8	70.3	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.0	71.0	71.1	71.2
GE 2500	72.0	72.5	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.8	73.9
GE 2000	74.9	75.4	76.0	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	77.0
GE 1800	75.6	76.2	76.9	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.7	77.8
GE 1500	77.5	78.0	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.6	79.6	79.7	79.8
GE 1200	80.2	80.9	81.8	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.8	82.9
GE 1000	81.9	82.8	84.0	84.5	84.7	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.3	85.4
GE 900	82.9	84.0	85.3	85.9	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.8	86.9
GE 800	84.1	85.4	86.9	87.7	88.0	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.7	88.8
GE 700	85.0	86.5	88.3	89.3	89.8	89.9	90.1	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.5	90.6
GE 600	86.0	87.6	89.6	90.8	91.5	91.7	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.4	92.5
GE 500	86.4	88.1	90.6	92.2	93.2	93.5	93.7	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.3	94.4
GE 400	86.8	88.5	91.3	93.1	94.4	94.7	95.1	95.4	95.5	95.8	95.9	95.9	96.2	96.2	96.2	96.4
GE 300	86.8	88.7	91.5	93.5	95.1	95.4	95.9	96.3	96.4	96.8	97.1	97.2	97.6	97.7	97.9	98.1
GE 200	86.8	88.7	91.5	93.5	95.1	95.5	96.1	96.7	96.8	97.3	97.7	97.9	98.4	98.7	99.1	99.6
GE 100	86.8	88.7	91.5	93.5	95.1	95.5	96.2	96.7	96.8	97.3	97.8	97.9	98.6	98.9	99.4	100.0
GE 000	86.8	88.7	91.5	93.5	95.1	95.5	96.2	96.7	96.8	97.3	97.8	97.9	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6780

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.2	40.4	40.4	40.4	40.4	40.4	40.7
GE 20000	40.0	40.2	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.1	41.4	41.4	41.4	41.4	41.4	41.6
GE 18000	40.0	40.2	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.1	41.4	41.4	41.4	41.4	41.4	41.6
GE 16000	40.0	40.2	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.1	41.4	41.4	41.4	41.4	41.4	41.6
GE 14000	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.4	41.6	41.6	41.6	41.6	41.6	41.9
GE 12000	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.4	41.6	41.6	41.6	41.6	41.6	41.9
GE 10000	40.4	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.6	41.9	41.9	41.9	41.9	41.9	42.1
GE 9000	40.4	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.6	41.9	41.9	41.9	41.9	41.9	42.1
GE 8000	41.1	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.6	42.6	42.6	42.6	42.6	42.8
GE 7000	41.1	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.6	42.6	42.6	42.6	42.6	42.8
GE 5000	41.1	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.6	42.6	42.6	42.6	42.6	42.8
GE 5000	41.9	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.1	43.3	43.3	43.3	43.3	43.3	43.5
GE 4500	41.9	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.1	43.3	43.3	43.3	43.3	43.3	43.5
GE 4000	41.9	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	43.1	43.3	43.3	43.3	43.3	43.3	43.5
GE 3500	42.1	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	43.3	43.5	43.5	43.5	43.5	43.5	43.8
GE 3000	42.3	42.6	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.5	43.8	43.8	43.8	43.8	43.8	44.0
GE 2500	43.5	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	45.0	45.0	45.0	45.0	45.0	45.2
GE 2000	47.8	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	49.0	49.3	49.3	49.3	49.3	49.3	49.5
GE 1800	48.3	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.5	49.8	49.8	49.8	49.8	49.8	50.0
GE 1500	50.7	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.4
GE 1200	55.3	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.9
GE 1000	59.8	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	61.0	61.2	61.2	61.5	61.5	61.5	61.7
GE 900	64.4	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.8	66.0	66.0	66.3	66.3	66.3	66.5
GE 800	66.3	67.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.2	68.4	68.4	68.7	68.7	68.7	68.9
GE 700	69.1	69.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.3	71.5	71.5	71.8	71.8	71.8	72.0
GE 600	74.6	75.4	76.3	76.6	76.6	76.6	76.6	76.6	76.6	77.0	77.3	77.3	77.5	77.5	77.5	77.8
GE 500	76.8	77.8	79.4	79.9	79.9	79.9	79.9	79.9	79.9	80.4	80.6	80.6	81.1	81.1	81.1	81.3
GE 400	77.5	78.7	81.1	82.5	82.8	82.8	82.8	83.0	83.3	83.7	84.0	84.0	84.9	84.9	84.9	85.4
GE 300	77.8	78.9	81.6	83.0	84.2	84.2	84.4	84.9	85.4	86.4	86.6	86.6	88.3	88.8	89.2	89.7
GE 200	77.8	78.9	81.8	83.3	84.4	84.4	84.9	85.4	85.9	87.1	88.0	88.0	90.2	92.3	94.5	97.6
GE 100	77.8	78.9	81.8	83.3	84.4	84.4	84.9	85.4	85.9	87.3	88.3	88.3	90.4	92.8	95.2	100.0
GE 000	77.8	78.9	81.8	83.3	84.4	84.4	84.9	85.4	85.9	87.3	88.3	88.3	90.4	92.8	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 418

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.0	28.5	28.5	28.6	29.3	29.4	29.4	29.6	29.9	30.1	30.1	30.1	30.1	30.2	30.6	31.1
GE 20000	28.6	29.1	29.1	29.3	29.9	30.1	30.1	30.2	30.6	30.7	30.7	30.7	30.7	30.9	31.2	31.7
GE 18000	28.6	29.1	29.1	29.3	29.9	30.1	30.1	30.2	30.6	30.7	30.7	30.7	30.7	30.9	31.2	31.7
GE 16000	28.6	29.1	29.1	29.3	29.9	30.1	30.1	30.2	30.6	30.7	30.7	30.7	30.7	30.9	31.2	31.7
GE 14000	28.6	29.1	29.1	29.3	29.9	30.1	30.1	30.2	30.6	30.7	30.7	30.7	30.7	30.9	31.2	31.7
GE 12000	28.6	29.1	29.1	29.3	29.9	30.1	30.1	30.2	30.6	30.7	30.7	30.7	30.7	30.9	31.2	31.7
GE 10000	28.8	29.3	29.3	29.4	30.1	30.2	30.2	30.4	30.7	30.9	30.9	30.9	30.9	31.1	31.4	31.9
GE 9000	29.1	29.6	29.6	29.8	30.4	30.6	30.6	30.7	31.1	31.2	31.2	31.2	31.2	31.4	31.7	32.2
GE 8000	29.4	29.9	29.9	30.1	30.7	30.9	30.9	31.1	31.4	31.5	31.5	31.5	31.5	31.7	32.0	32.5
GE 7000	29.4	29.9	29.9	30.1	30.7	30.9	30.9	31.1	31.4	31.5	31.5	31.5	31.5	31.7	32.0	32.5
GE 6000	29.4	29.9	29.9	30.1	30.7	30.9	30.9	31.1	31.4	31.5	31.5	31.5	31.5	31.7	32.0	32.5
GE 5000	30.2	30.7	30.7	30.9	31.5	31.7	31.7	31.9	32.2	32.4	32.4	32.4	32.4	32.5	32.8	33.3
GE 4500	30.6	31.1	31.1	31.2	31.9	32.0	32.0	32.2	32.5	32.7	32.7	32.7	32.7	32.8	33.2	33.7
GE 4000	31.4	32.0	32.0	32.2	32.8	33.0	33.0	33.2	33.5	33.7	33.7	33.7	33.7	33.8	34.1	34.6
GE 3500	31.9	32.5	32.5	32.7	33.3	33.5	33.5	33.7	34.0	34.1	34.1	34.1	34.1	34.3	34.6	35.1
GE 3000	32.5	33.2	33.2	33.3	34.0	34.1	34.1	34.3	34.6	34.8	34.8	34.8	34.8	35.0	35.3	35.8
GE 2500	35.6	36.3	36.3	36.4	37.1	37.2	37.2	37.4	37.7	37.9	37.9	37.9	37.9	38.0	38.4	38.9
GE 2000	39.5	40.2	40.2	40.3	41.1	41.3	41.3	41.6	42.0	42.1	42.1	42.1	42.1	42.3	42.6	43.1
GE 1800	39.7	40.3	40.3	40.5	41.3	41.5	41.5	41.8	42.1	42.3	42.3	42.3	42.3	42.4	42.8	43.3
GE 1500	43.3	44.4	44.6	44.9	45.9	46.0	46.0	46.3	46.7	46.8	46.8	46.8	46.8	47.0	47.3	47.8
GE 1200	47.3	48.6	49.1	49.6	50.6	50.7	50.7	51.1	51.4	51.5	51.5	51.5	51.5	51.7	52.0	52.5
GE 1000	52.5	53.8	54.3	54.8	55.8	55.9	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.9	57.2	57.7
GE 900	56.6	58.2	58.9	59.3	60.3	60.5	60.5	60.8	61.1	61.3	61.3	61.3	61.3	61.5	61.8	62.3
GE 800	59.5	61.3	62.9	63.6	64.6	64.7	64.9	65.2	65.5	65.7	65.7	65.7	65.7	65.9	66.2	66.7
GE 700	61.0	63.1	65.0	65.7	66.7	66.8	67.0	67.3	67.6	67.8	67.8	67.8	67.8	68.0	68.3	68.8
GE 600	64.6	66.8	69.4	70.2	71.2	71.4	71.5	71.9	72.2	72.4	72.5	72.5	72.5	72.7	73.0	73.5
GE 500	66.3	69.8	72.8	74.0	75.6	75.8	76.1	76.4	76.7	77.1	77.4	77.4	77.7	77.9	78.2	78.9
GE 400	67.5	71.2	75.0	76.3	78.7	79.2	79.8	80.3	80.7	81.1	81.5	81.5	82.1	82.3	82.8	83.6
GE 300	67.5	71.2	75.6	77.9	80.5	81.1	82.3	83.6	83.9	84.9	86.2	86.2	87.2	87.5	88.0	88.8
GE 200	67.5	71.2	75.6	78.0	80.8	81.6	83.1	84.6	84.9	86.2	88.8	88.9	91.1	92.7	93.5	97.2
GE 100	67.5	71.2	75.6	78.0	80.8	81.6	83.3	84.7	85.0	86.3	88.9	89.1	91.2	93.2	95.4	99.8
GE 000	67.5	71.2	75.6	78.0	80.8	81.6	83.3	84.7	85.0	86.3	88.9	89.1	91.2	93.2	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.7	30.3	31.4	31.9	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.6	32.7	32.7	32.7
GE 20000	30.5	31.1	32.4	32.9	33.4	33.4	33.5	33.5	33.5	33.5	33.6	33.6	33.7	33.8	33.8	33.8
GE 18000	30.5	31.1	32.4	32.9	33.4	33.4	33.5	33.5	33.5	33.5	33.6	33.6	33.7	33.8	33.8	33.8
GE 16000	30.5	31.1	32.4	32.9	33.4	33.4	33.5	33.5	33.5	33.5	33.6	33.6	33.7	33.8	33.8	33.8
GE 14000	30.6	31.2	32.5	33.0	33.5	33.5	33.6	33.6	33.6	33.6	33.7	33.7	33.8	33.9	33.9	33.9
GE 12000	30.6	31.2	32.5	33.0	33.5	33.5	33.6	33.6	33.6	33.6	33.7	33.7	33.8	33.9	33.9	33.9
GE 10000	30.7	31.4	32.7	33.2	33.7	33.7	33.8	33.8	33.8	33.8	33.9	33.9	34.0	34.1	34.1	34.1
GE 9000	30.9	31.6	32.9	33.4	33.9	33.9	34.0	34.0	34.0	34.0	34.1	34.1	34.2	34.3	34.3	34.3
GE 8000	31.0	31.7	33.1	33.6	34.1	34.1	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.4	34.4	34.4
GE 7000	31.0	31.7	33.1	33.6	34.1	34.1	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.4	34.4	34.4
GE 6000	31.2	31.9	33.3	33.8	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.5	34.6	34.6	34.6
GE 5000	31.5	32.2	33.6	34.1	34.5	34.5	34.6	34.6	34.6	34.6	34.7	34.7	34.8	34.9	34.9	34.9
GE 4500	31.8	32.4	33.9	34.3	34.8	34.8	34.9	34.9	34.9	34.9	35.0	35.0	35.1	35.2	35.2	35.2
GE 4000	32.0	32.7	34.2	34.6	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3	35.4	35.5	35.5	35.5
GE 3500	32.9	33.7	35.1	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.3	36.4	36.4	36.4
GE 3000	33.8	34.5	36.0	36.4	37.0	37.0	37.1	37.1	37.1	37.1	37.2	37.2	37.3	37.4	37.4	37.4
GE 2500	36.8	37.7	39.2	39.8	40.4	40.4	40.6	40.6	40.6	40.6	40.7	40.7	40.8	40.9	40.9	40.9
GE 2000	39.6	40.4	41.9	42.7	43.3	43.3	43.5	43.5	43.5	43.5	43.6	43.6	43.7	43.8	43.8	43.8
GE 1800	40.6	41.5	43.0	43.7	44.3	44.3	44.5	44.7	44.7	44.7	44.8	44.8	44.9	45.0	45.0	45.0
GE 1500	44.7	45.6	47.8	48.8	49.3	49.3	49.5	49.7	49.7	49.7	49.8	49.8	49.9	50.0	50.0	50.0
GE 1200	49.3	50.6	52.9	54.3	55.0	55.0	55.2	55.5	55.5	55.5	55.6	55.6	55.7	55.8	55.8	55.8
GE 1000	53.4	55.6	58.4	59.9	60.7	60.7	61.0	61.3	61.3	61.3	61.4	61.4	61.5	61.6	61.6	61.6
GE 900	55.2	58.1	61.5	63.0	63.9	63.9	64.3	64.6	64.6	64.6	64.8	64.8	64.9	65.0	65.0	65.0
GE 800	56.8	60.1	64.3	66.3	67.6	67.6	68.0	68.4	68.4	68.4	68.6	68.6	68.7	68.8	68.8	68.8
GE 700	58.2	61.8	66.5	69.4	71.1	71.1	71.5	72.0	72.0	72.0	72.2	72.2	72.3	72.4	72.4	72.4
GE 600	58.9	62.6	68.2	72.3	75.3	75.3	75.9	76.5	76.5	76.5	76.6	76.6	76.8	76.9	76.9	76.9
GE 500	59.4	63.7	70.1	75.1	80.1	80.4	82.0	82.8	82.9	82.9	83.1	83.1	83.3	83.4	83.5	83.6
GE 400	59.7	64.2	71.0	76.4	83.1	84.2	86.7	88.1	88.6	88.7	89.0	89.1	89.5	89.6	89.8	90.1
GE 300	59.8	64.3	71.3	76.8	83.6	84.8	87.8	89.8	90.7	91.3	92.7	92.8	93.8	94.0	94.6	95.0
GE 200	59.8	64.3	71.3	76.8	83.7	84.9	87.9	89.9	90.8	91.4	93.0	93.1	94.6	95.4	96.5	98.6
GE 100	59.8	64.3	71.3	76.8	83.7	84.9	87.9	89.9	90.9	91.5	93.3	93.4	95.4	96.3	97.7	99.9
GE 000	59.8	64.3	71.3	76.8	83.7	84.9	87.9	89.9	90.9	91.5	93.3	93.4	95.4	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1054

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZKE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	52.6	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	52.8	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	52.8	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	52.9	54.3	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	53.4	54.9	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	53.5	55.0	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 10000	53.9	55.3	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 9000	54.0	55.4	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 8000	54.1	55.6	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	54.2	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 6000	54.2	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 5000	54.7	56.1	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 4500	55.1	56.6	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 4000	55.9	57.4	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 3500	56.9	58.3	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 3000	58.2	59.7	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 2500	59.8	61.2	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 2000	63.3	64.9	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1800	64.3	65.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	69.1	70.9	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1200	74.2	76.5	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 1000	78.4	81.3	83.5	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 900	80.5	83.7	86.1	86.7	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 800	81.8	85.5	88.6	89.8	90.1	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	82.9	86.9	90.8	92.5	93.0	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	84.0	88.6	93.0	95.0	96.2	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	84.4	89.0	93.6	95.9	97.6	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	84.6	89.2	93.8	96.4	98.5	98.6	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	84.6	89.2	93.8	96.4	98.5	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.6	89.2	93.8	96.4	98.5	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.6	89.2	93.8	96.4	98.5	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.6	89.2	93.8	96.4	98.5	98.7	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1101

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	72.8	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	73.0	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	73.0	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 12000	74.2	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	74.6	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	74.7	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	75.0	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	75.0	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	75.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	75.7	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4500	75.9	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	76.7	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3500	77.2	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	78.3	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	79.0	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	81.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1800	81.8	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	84.7	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	89.8	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	92.7	93.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	93.9	94.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	94.8	95.5	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	96.0	96.8	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	96.1	97.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	96.4	97.4	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.4	97.4	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.4	97.4	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.4	97.4	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.4	97.4	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.4	97.4	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1101

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	69.3	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3500	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 2000	72.7	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1800	72.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 1500	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1200	80.7	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1000	85.9	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	88.5	89.1	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	91.2	91.9	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	92.8	93.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	93.7	94.7	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	94.1	95.3	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	94.3	95.6	97.6	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	94.7	96.0	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.7	96.0	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	96.0	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	96.0	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1006

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	55.3	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 9000	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 7000	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 6000	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 4500	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 4000	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3500	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3000	59.5	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 2500	60.2	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 2000	61.6	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1800	61.6	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1500	62.9	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 1200	67.7	67.8	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1000	74.3	74.6	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 900	77.5	78.0	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 800	81.4	82.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 700	84.4	85.4	86.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 600	86.9	88.0	89.6	90.3	90.5	90.5	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	88.4	89.7	91.9	93.1	93.8	93.8	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	88.8	90.1	92.5	94.2	95.0	95.0	95.7	95.8	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5
GE 300	88.9	90.2	92.7	94.4	95.7	95.7	96.6	96.8	97.7	98.0	98.4	98.4	98.8	98.8	98.8	98.8
GE 200	88.9	90.2	92.7	94.4	95.7	95.7	96.6	96.8	97.7	98.0	98.7	98.7	99.5	99.5	99.8	99.8
GE 100	88.9	90.2	92.7	94.4	95.7	95.7	96.6	96.8	97.7	98.0	98.7	98.7	99.5	99.6	99.9	100.0
GE 000	88.9	90.2	92.7	94.4	95.7	95.7	96.6	96.8	97.7	98.0	98.7	98.7	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAP CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 9000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 7000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 6000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 5000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 4500	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 4000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3500	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 2500	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 2000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1800	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1500	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 1200	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1000	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 900	72.7	73.1	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 800	75.5	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 700	80.7	81.2	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 600	83.6	84.2	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 500	85.2	86.1	87.3	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.6	88.6
GE 400	86.6	87.8	89.5	90.6	91.0	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.9	91.9
GE 300	86.6	87.8	89.8	91.2	92.0	92.2	92.9	93.3	93.5	93.7	93.7	93.7	94.2	94.2	94.6	94.7
GE 200	86.6	87.8	89.9	91.3	92.3	92.5	93.2	93.6	93.7	94.5	94.7	94.7	96.3	96.7	98.2	98.9
GE 100	86.6	87.8	89.9	91.3	92.3	92.5	93.2	93.6	93.7	94.5	94.7	94.7	96.4	96.9	98.4	100.0
GE 000	86.6	87.8	89.9	91.3	92.3	92.5	93.2	93.6	93.7	94.5	94.7	94.7	96.4	96.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 703

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.4	50.8	51.0	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4
GE 20000	52.0	52.5	53.0	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.5
GE 18000	52.2	52.7	53.1	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.7
GE 16000	52.3	52.8	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.7	53.7
GE 14000	52.7	53.1	53.6	53.7	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
GE 12000	52.9	53.4	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4
GE 10000	53.2	53.6	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 9000	53.3	53.8	54.3	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8
GE 8000	53.6	54.0	54.5	54.6	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.1
GE 7000	53.6	54.1	54.5	54.7	54.8	54.8	54.8	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1
GE 6000	53.7	54.2	54.6	54.8	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2
GE 5000	54.2	54.6	55.1	55.2	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.7
GE 4500	54.4	54.9	55.4	55.5	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0
GE 4000	55.0	55.5	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5
GE 3500	55.4	55.9	56.4	56.5	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
GE 3000	56.3	56.9	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9
GE 2500	57.8	58.3	58.9	59.1	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5
GE 2000	60.2	60.8	61.4	61.5	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE 1800	60.8	61.3	61.9	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6
GE 1500	63.8	64.5	65.3	65.5	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0
GE 1200	68.5	69.3	70.3	70.6	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2
GE 1000	73.0	74.2	75.5	75.9	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.6
GE 900	75.6	77.0	78.5	79.0	79.3	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.8
GE 800	77.8	79.5	81.4	82.0	82.4	82.4	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9
GE 700	79.8	81.7	84.0	84.9	85.4	85.4	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
GE 600	81.5	83.6	86.3	87.5	88.3	88.3	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	89.0
GE 500	82.4	84.8	87.9	89.5	90.9	90.9	91.3	91.5	91.6	91.7	91.7	91.7	91.8	91.9	91.9	92.0
GE 400	82.8	85.3	88.7	90.6	92.5	92.8	93.4	93.7	93.9	94.1	94.2	94.2	94.4	94.4	94.5	94.7
GE 300	82.9	85.4	89.0	91.0	93.1	93.4	94.3	94.9	95.2	95.6	96.0	96.0	96.4	96.5	96.7	96.9
GE 200	82.9	85.4	89.0	91.1	93.2	93.5	94.4	95.0	95.4	95.8	96.5	96.5	97.3	97.8	98.3	99.2
GE 100	82.9	85.4	89.0	91.1	93.2	93.5	94.4	95.1	95.4	95.9	96.6	96.6	97.5	98.0	98.8	100.0
GE 000	82.9	85.4	89.0	91.1	93.2	93.5	94.4	95.1	95.4	95.9	96.6	96.6	97.5	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6853

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.7	30.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.2
GE 20000	30.7	30.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.2
GE 18000	30.7	30.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.2
GE 16000	30.7	30.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.2
GE 14000	30.7	30.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.2
GE 12000	31.2	31.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.7
GE 10000	31.9	31.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.4
GE 9000	31.9	31.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.4
GE 8000	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.7
GE 7000	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.7
GE 6000	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.7
GE 5000	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.7
GE 4500	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.7
GE 4000	32.2	32.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.7
GE 3500	32.9	32.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.4
GE 3000	33.7	33.7	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.9	34.9	34.9	34.9	34.9	35.1
GE 2500	34.4	34.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.9
GE 2000	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.9	35.9	35.9	35.9	35.9	36.1
GE 1800	34.6	34.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.9	35.9	35.9	35.9	35.9	36.1
GE 1500	36.9	36.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.3
GE 1200	42.3	42.3	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.5	43.5	43.5	43.5	43.5	43.7
GE 1000	43.7	43.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.2
GE 900	45.9	45.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.4
GE 800	46.4	46.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.9
GE 700	49.1	49.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.6
GE 600	53.3	53.8	55.0	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.8	55.8	55.8	55.8	55.8	56.0
GE 500	55.5	56.3	57.7	58.2	59.0	59.0	59.0	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.7
GE 400	59.0	60.0	62.2	63.4	64.9	64.9	65.1	65.6	65.6	65.6	65.8	65.8	66.1	66.3	66.3	66.6
GE 300	61.7	63.1	67.3	69.0	72.0	72.0	72.7	73.7	73.7	73.7	74.7	74.9	76.4	77.6	78.4	79.1
GE 200	62.4	63.9	68.1	70.0	73.5	73.7	74.4	75.7	75.7	75.9	77.1	78.4	84.3	86.7	88.7	89.9
GE 100	62.4	63.9	68.1	70.0	73.5	73.7	74.4	75.7	75.7	75.9	77.1	78.4	84.5	87.5	93.1	96.8
GE 000	62.4	63.9	68.1	70.0	73.5	73.7	74.4	75.7	75.7	75.9	77.1	78.4	85.3	88.7	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 407

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.0	22.3	22.9	23.4	23.7	23.7	23.7	23.9	23.9	23.9	23.9	23.9	24.0	24.2	24.2	24.5
GE 20000	22.1	22.5	23.1	23.6	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.2	24.4	24.4	24.7
GE 18000	22.3	22.6	23.2	23.7	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.4	24.5	24.5	24.8
GE 16000	22.3	22.6	23.2	23.7	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.4	24.5	24.5	24.8
GE 14000	22.3	22.6	23.2	23.7	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.4	24.5	24.5	24.8
GE 12000	22.5	22.8	23.4	24.0	24.5	24.5	24.5	24.7	24.7	24.7	24.7	24.7	24.8	25.0	25.0	25.3
GE 10000	22.9	23.2	23.9	24.5	25.0	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.3	25.5	25.5	25.8
GE 9000	22.9	23.2	23.9	24.5	25.0	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.3	25.5	25.5	25.8
GE 8000	22.9	23.2	23.9	24.5	25.0	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.3	25.5	25.5	25.8
GE 7000	22.9	23.2	23.9	24.5	25.0	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.3	25.5	25.5	25.8
GE 6000	22.9	23.2	23.9	24.5	25.0	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.3	25.5	25.5	25.8
GE 5000	22.9	23.2	23.9	24.5	25.0	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.3	25.5	25.5	25.8
GE 4500	23.2	23.6	24.2	24.8	25.3	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.6	25.8	25.8	26.1
GE 4000	23.4	23.7	24.4	25.0	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.8	26.0	26.0	26.3
GE 3500	23.6	23.9	24.5	25.2	25.6	25.6	25.6	25.8	25.8	25.8	25.8	25.8	26.0	26.1	26.1	26.4
GE 3000	24.4	24.7	25.3	26.0	26.4	26.4	26.4	26.6	26.6	26.6	26.6	26.6	26.8	26.9	26.9	27.2
GE 2500	25.0	25.3	26.0	26.6	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.4	27.5	27.5	27.9
GE 2000	26.4	26.8	27.4	28.0	28.5	28.5	28.5	28.7	28.7	28.7	28.7	28.7	28.8	29.0	29.0	29.3
GE 1800	26.8	27.1	27.7	28.3	28.8	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.1	29.3	29.3	29.6
GE 1500	27.9	28.2	28.8	29.5	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	30.3	30.4	30.4	30.7
GE 1200	30.9	31.2	32.0	32.6	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.6	33.8	33.8	34.1
GE 1000	33.8	34.1	34.9	35.8	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.8	36.9	36.9	37.3
GE 900	36.5	36.9	37.7	38.9	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	40.0	40.1	40.1	40.4
GE 800	39.6	40.1	41.6	42.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.1	44.3	44.3	44.6
GE 700	41.7	42.5	43.9	45.4	46.3	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.8	47.0	47.0	47.3
GE 600	45.5	46.7	48.1	49.8	51.1	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.8	51.9	51.9	52.2
GE 500	48.4	50.2	52.4	54.5	56.4	57.0	57.3	57.5	57.5	57.5	57.5	57.5	58.1	58.6	58.6	59.1
GE 400	50.6	52.5	55.6	58.9	61.9	62.6	63.5	64.0	64.0	64.2	64.5	64.8	65.6	66.7	66.7	67.2
GE 300	51.3	54.1	58.3	62.1	66.4	67.0	68.6	69.6	70.1	71.2	73.1	73.9	75.6	76.9	77.7	79.0
GE 200	51.8	54.6	58.8	62.6	67.2	67.8	69.4	70.9	71.3	74.0	76.6	78.5	83.4	85.7	87.6	90.3
GE 100	51.8	54.6	58.8	62.6	67.2	67.8	69.4	71.0	71.5	75.0	77.5	79.5	85.7	89.0	92.4	97.1
GE 000	51.8	54.6	58.8	62.6	67.2	67.8	69.4	71.0	71.5	75.0	77.5	79.5	86.1	89.5	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.5	20.2	21.5	22.0	22.2	22.2	22.4	22.4	22.4	22.5	22.5	22.5	22.7	22.9	23.0	23.0
GE 20000	20.0	20.6	22.0	22.5	22.7	22.7	22.9	22.9	22.9	23.0	23.0	23.0	23.1	23.3	23.4	23.4
GE 18000	20.2	20.8	22.2	22.7	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.3	23.5	23.6	23.6
GE 16000	20.2	20.8	22.2	22.7	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.3	23.5	23.6	23.6
GE 14000	20.4	21.1	22.5	23.0	23.1	23.1	23.3	23.3	23.3	23.4	23.4	23.4	23.6	23.8	23.9	23.9
GE 12000	20.7	21.5	22.9	23.3	23.5	23.5	23.7	23.7	23.7	23.8	23.8	23.8	24.0	24.2	24.3	24.3
GE 10000	20.8	21.6	23.0	23.4	23.6	23.6	23.8	23.8	23.8	23.9	23.9	23.9	24.1	24.3	24.4	24.4
GE 9000	20.8	21.6	23.0	23.4	23.6	23.6	23.8	23.8	23.8	23.9	23.9	23.9	24.1	24.3	24.4	24.4
GE 8000	21.1	21.9	23.2	23.7	23.9	23.9	24.1	24.1	24.1	24.2	24.2	24.2	24.4	24.6	24.7	24.7
GE 7000	21.1	21.9	23.2	23.7	23.9	23.9	24.1	24.1	24.1	24.2	24.2	24.2	24.4	24.6	24.7	24.7
GE 6000	21.1	21.9	23.2	23.7	23.9	23.9	24.1	24.1	24.1	24.2	24.2	24.2	24.4	24.6	24.7	24.7
GE 5000	21.4	22.2	23.5	24.0	24.3	24.3	24.6	24.6	24.6	24.7	24.7	24.7	24.9	25.1	25.2	25.2
GE 4500	21.6	22.4	23.7	24.2	24.5	24.5	24.8	24.8	24.9	25.0	25.0	25.0	25.2	25.4	25.5	25.5
GE 4000	21.8	22.6	23.9	24.4	24.7	24.7	25.1	25.1	25.2	25.3	25.3	25.3	25.5	25.7	25.7	25.7
GE 3500	22.2	23.0	24.5	25.0	25.3	25.3	25.7	25.7	25.7	25.8	25.8	25.8	26.0	26.2	26.3	26.3
GE 3000	22.6	23.4	24.9	25.4	25.7	25.7	26.0	26.0	26.1	26.2	26.2	26.2	26.4	26.6	26.7	26.7
GE 2500	23.3	24.2	25.7	26.1	26.5	26.5	26.9	26.9	27.0	27.1	27.1	27.1	27.3	27.5	27.6	27.6
GE 2000	24.5	25.5	26.9	27.4	27.8	27.8	28.2	28.2	28.3	28.4	28.4	28.4	28.6	28.8	28.9	28.9
GE 1800	25.3	26.3	27.8	28.3	28.6	28.6	29.0	29.0	29.1	29.2	29.2	29.2	29.5	29.7	29.8	29.8
GE 1500	27.1	28.3	29.8	30.3	30.7	30.7	31.1	31.1	31.1	31.2	31.2	31.2	31.5	31.7	31.8	31.8
GE 1200	29.4	30.6	32.5	33.0	33.4	33.4	33.8	33.8	33.8	33.9	33.9	33.9	34.2	34.4	34.5	34.5
GE 1000	32.4	34.2	36.6	37.6	38.1	38.1	38.5	38.5	38.6	38.7	38.7	38.7	39.0	39.2	39.2	39.2
GE 900	34.5	36.5	39.8	41.2	41.8	41.8	42.1	42.1	42.2	42.3	42.3	42.3	42.6	42.8	42.9	42.9
GE 800	36.0	38.4	42.2	44.0	44.6	44.7	45.1	45.1	45.2	45.3	45.3	45.3	45.6	45.8	45.9	45.9
GE 700	37.2	39.9	44.3	46.9	47.9	48.0	48.4	48.4	48.5	48.7	48.7	48.7	49.0	49.2	49.3	49.3
GE 600	38.2	41.9	47.1	51.1	52.8	53.1	53.8	53.9	54.0	54.3	54.4	54.4	54.7	54.9	55.0	55.0
GE 500	38.8	42.5	48.5	54.2	57.7	58.1	59.8	60.8	61.1	61.8	62.0	62.0	62.6	62.8	62.9	62.9
GE 400	38.9	42.9	49.7	56.4	61.7	62.9	66.9	69.3	70.5	72.3	73.3	73.5	74.3	74.6	74.7	74.8
GE 300	39.1	43.1	50.3	57.3	63.3	64.7	70.0	73.3	75.4	79.5	82.4	83.6	85.7	86.3	86.8	87.3
GE 200	39.1	43.1	50.4	57.4	63.4	64.8	70.1	73.5	75.8	80.4	84.4	85.8	90.1	91.4	93.0	95.2
GE 100	39.1	43.1	50.4	57.4	63.4	64.8	70.1	73.5	75.8	80.6	85.0	86.5	91.2	93.1	95.7	99.5
GE 000	39.1	43.1	50.4	57.4	63.4	64.8	70.1	73.5	75.8	80.6	85.0	86.5	91.2	93.1	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1037

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	42.8	44.6	45.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	42.3	44.4	46.1	46.9	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 18000	42.3	44.4	46.1	46.9	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 16000	42.3	44.4	46.1	46.9	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 14000	42.6	44.7	46.5	47.2	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 12000	43.2	45.3	47.0	47.8	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 10000	43.7	45.8	47.6	48.3	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 9000	43.9	46.0	47.8	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000	44.2	46.3	48.1	48.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 7000	44.2	46.3	48.1	48.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 6000	44.2	46.3	48.1	48.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 5000	44.5	46.6	48.3	49.1	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4500	44.5	46.6	48.3	49.1	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4000	44.7	46.9	48.6	49.4	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 3500	45.5	47.6	49.4	50.1	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 3000	45.7	47.8	49.5	50.3	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 2500	46.6	48.7	50.5	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 2000	47.6	49.7	51.5	52.2	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 1800	48.1	50.2	51.9	52.8	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 1500	51.2	53.4	55.4	56.2	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 1200	55.8	58.6	61.0	61.8	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000	60.7	63.9	67.3	68.3	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 900	63.0	66.9	70.9	72.4	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 800	64.9	69.6	74.4	76.6	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 700	67.3	73.2	78.9	81.8	83.3	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 600	68.7	75.0	82.0	86.2	89.0	89.4	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	69.4	75.9	83.9	89.4	93.4	93.9	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	69.5	76.1	84.2	90.3	94.7	95.5	97.3	98.1	98.7	98.9	99.1	99.4	99.4	99.4	99.4	99.4
GE 300	69.5	76.1	84.2	90.3	94.8	95.6	97.5	98.2	99.1	99.3	99.5	99.9	99.9	99.9	99.9	99.9
GE 200	69.5	76.1	84.2	90.3	94.8	95.6	97.5	98.2	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	69.5	76.1	84.2	90.3	94.8	95.6	97.5	98.2	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	69.5	76.1	84.2	90.3	94.8	95.6	97.5	98.2	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1084

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	64.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	64.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	64.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	64.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	65.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	66.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	66.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	66.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	66.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	66.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	67.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3500	67.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3000	68.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	68.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2000	69.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1800	69.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1500	71.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1200	76.8	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1000	83.2	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	85.3	86.7	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	88.0	89.6	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	91.1	92.9	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	92.2	94.1	96.5	97.5	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	93.3	95.2	97.6	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	93.3	95.2	97.6	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	93.5	95.4	97.8	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.5	95.4	97.8	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.5	95.4	97.8	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.5	95.4	97.8	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1084

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 12000	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 9000	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 8000	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 6000	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 5000	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4500	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3500	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3000	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 2500	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 2000	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 1800	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 1500	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 1200	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 1000	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 900	71.8	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 800	76.7	77.5	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 700	83.3	84.2	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 600	86.2	87.6	89.4	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 500	88.5	90.3	92.7	93.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	89.6	91.4	94.2	95.5	97.0	97.0	97.7	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	89.8	91.6	94.4	95.9	97.6	97.7	98.8	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.8	91.6	94.4	95.9	97.6	97.7	98.8	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.8	91.6	94.4	95.9	97.6	97.7	98.8	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.8	91.6	94.4	95.9	97.6	97.7	98.8	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 977

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 20000	39.3	39.5	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 18000	39.5	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 16000	39.5	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 14000	39.8	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	39.9	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 10000	40.2	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 9000	40.6	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 8000	40.8	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 7000	40.8	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 6000	40.8	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 5000	40.8	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 4500	40.8	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 4000	41.3	41.6	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 3500	41.4	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 3000	41.7	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 2500	41.8	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 2000	42.2	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 1800	42.7	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 1500	43.9	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 1200	46.4	46.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 1000	50.2	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 900	54.6	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 800	59.9	60.1	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 700	63.5	64.0	64.6	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 600	68.6	69.4	70.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 500	72.7	74.1	76.3	79.2	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 400	74.7	76.3	79.5	83.6	85.8	86.0	86.9	87.0	87.0	87.3	87.3	87.3	87.5	87.5	87.5	87.5
GE 300	75.2	76.7	80.1	84.5	87.0	87.2	88.8	89.2	89.4	90.8	91.8	91.8	91.9	92.0	92.0	92.2
GE 200	75.2	76.7	80.1	84.5	87.0	87.2	88.8	89.3	89.5	91.8	93.0	93.3	94.6	95.4	96.5	97.5
GE 100	75.2	76.7	80.1	84.5	87.0	87.2	88.8	89.3	89.5	91.8	93.1	93.4	95.1	96.1	98.0	99.4
GE 000	75.2	76.7	80.1	84.5	87.0	87.2	88.8	89.3	89.5	91.8	93.3	93.5	95.2	96.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	38.2	38.2	38.2	38.4	38.4	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000	38.5	38.5	38.5	38.5	38.7	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	38.5	38.5	38.5	38.5	38.7	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	38.5	38.5	38.5	38.5	38.7	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 14000	38.7	38.7	38.7	38.7	38.8	38.8	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 12000	38.7	38.7	38.7	38.7	38.8	38.8	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 10000	39.1	39.1	39.1	39.1	39.3	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 9000	39.3	39.3	39.3	39.3	39.4	39.4	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 8000	39.3	39.3	39.3	39.3	39.4	39.4	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 7000	39.4	39.4	39.4	39.4	39.6	39.6	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 6000	39.6	39.6	39.6	39.6	39.7	39.7	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 5000	39.6	39.6	39.6	39.6	39.7	39.7	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 4500	39.7	39.7	39.7	39.7	39.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 4000	39.7	39.7	39.7	39.7	39.9	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 3500	40.0	40.0	40.0	40.0	40.1	40.1	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 3000	40.4	40.4	40.4	40.4	40.6	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 2500	40.6	40.6	40.6	40.6	40.7	40.7	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 2000	40.7	40.7	40.7	40.7	40.9	40.9	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 1800	40.9	40.9	40.9	40.9	41.0	41.0	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 1500	43.2	43.2	43.2	43.2	43.4	43.4	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 1200	45.1	45.1	45.1	45.1	45.3	45.3	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 1000	46.6	46.6	46.6	46.6	46.7	46.7	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 900	48.9	48.9	48.9	48.9	49.1	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 800	53.0	53.0	53.0	53.1	53.3	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 700	55.9	55.9	56.1	56.4	56.6	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 600	60.9	61.0	61.3	61.6	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 500	63.8	64.4	65.1	66.0	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 400	66.6	67.7	69.5	71.8	74.2	74.3	75.0	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.9	75.9
GE 300	68.2	69.9	72.7	76.5	80.0	80.6	81.6	81.9	82.2	83.2	83.2	83.2	83.6	83.9	84.7	85.0
GE 200	68.2	69.9	72.7	76.5	80.0	80.6	82.0	82.8	83.4	85.3	86.6	86.6	89.3	91.1	92.6	93.7
GE 100	68.2	69.9	72.7	76.5	80.0	80.6	82.0	82.8	83.4	85.4	86.7	86.7	89.9	92.1	95.3	98.5
GE 000	68.2	69.9	72.7	76.5	80.0	80.6	82.0	82.8	83.4	85.4	86.7	86.7	90.1	92.3	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 685

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.3	40.0	40.6	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.3	41.3	41.3
GE 20000	40.7	41.4	42.0	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.7	42.7
GE 18000	40.8	41.5	42.1	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.8
GE 16000	40.8	41.5	42.1	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.8
GE 14000	41.0	41.7	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0
GE 12000	41.3	42.0	42.6	42.9	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.4
GE 10000	41.8	42.5	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.9
GE 9000	41.9	42.6	43.3	43.6	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0
GE 8000	42.1	42.8	43.5	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.2	44.2
GE 7000	42.1	42.9	43.5	43.8	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3
GE 6000	42.2	42.9	43.5	43.8	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.3
GE 5000	42.3	43.0	43.7	43.9	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4
GE 4500	42.4	43.1	43.8	44.0	44.2	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5
GE 4000	42.6	43.4	44.0	44.3	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8
GE 3500	43.0	43.7	44.4	44.7	44.9	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.2	45.2
GE 3000	43.4	44.1	44.8	45.1	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.6
GE 2500	43.9	44.6	45.3	45.6	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.1	46.1	46.1
GE 2000	44.7	45.5	46.2	46.4	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	47.0
GE 1800	45.1	45.9	46.5	46.8	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.4
GE 1500	47.0	47.8	48.5	48.8	49.0	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.4
GE 1200	50.6	51.5	52.4	52.7	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.3
GE 1000	54.8	56.0	57.2	57.6	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.2
GE 900	57.5	58.8	60.3	60.9	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6
GE 800	60.6	62.2	64.1	65.0	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
GE 700	63.7	65.6	67.9	69.2	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3
GE 600	66.4	68.8	71.7	73.6	74.7	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4
GE 500	68.3	71.0	74.6	77.3	79.2	79.5	80.1	80.3	80.4	80.5	80.6	80.6	80.7	80.8	80.8	80.9
GE 400	69.5	72.3	76.4	79.9	82.7	83.1	84.4	85.0	85.4	85.8	86.0	86.1	86.4	86.5	86.6	86.7
GE 300	70.0	73.0	77.5	81.4	84.7	85.2	87.0	87.8	88.4	89.6	90.5	90.8	91.4	91.8	92.0	92.3
GE 200	70.1	73.1	77.6	81.5	84.8	85.4	87.2	88.2	88.9	90.4	91.7	92.3	94.2	95.1	95.9	96.8
GE 100	70.1	73.1	77.6	81.5	84.8	85.4	87.2	88.2	88.9	90.6	91.9	92.5	94.7	95.9	97.5	99.2
GE 000	70.1	73.1	77.6	81.5	84.8	85.4	87.2	88.2	88.9	90.6	92.0	92.5	94.9	96.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6732

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1
GE 20000	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1
GE 18000	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1
GE 16000	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1
GE 14000	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1
GE 12000	31.6	31.6	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.9	32.9	32.9
GE 10000	32.4	32.4	32.6	33.4	33.4	33.4	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.9	33.9	33.9
GE 9000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 8000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 7000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 6000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 5000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 4500	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 4000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 3500	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 3000	32.9	32.9	33.2	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5
GE 2500	33.2	33.2	33.4	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.7	34.7	34.7
GE 2000	35.0	35.0	35.2	36.0	36.0	36.0	36.0	36.0	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5
GE 1800	35.5	35.5	35.8	36.5	36.5	36.5	36.5	36.5	36.8	36.8	36.8	36.8	36.8	37.0	37.0	37.0
GE 1500	40.7	40.7	40.9	41.7	41.7	41.7	41.7	41.7	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2
GE 1200	46.1	46.1	46.4	47.2	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7
GE 1000	48.7	48.7	49.0	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3
GE 900	51.8	51.8	52.1	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.4	53.4	53.4
GE 800	57.0	57.0	57.3	58.0	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5
GE 700	60.6	60.6	61.4	62.4	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2
GE 600	65.5	65.5	66.3	67.6	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4
GE 500	68.9	68.9	69.9	71.2	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.8	72.8	72.8
GE 400	71.0	71.0	72.3	74.4	75.6	75.9	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9
GE 300	72.3	72.5	74.1	76.4	79.8	80.6	80.8	81.1	81.3	82.9	85.0	85.0	85.0	85.2	85.2	85.2
GE 200	72.3	73.1	74.6	77.2	81.1	81.9	82.4	82.6	82.9	84.7	87.8	87.8	87.8	90.9	94.3	95.6
GE 100	72.3	73.1	74.6	77.2	81.1	81.9	82.4	82.6	82.9	84.7	87.8	87.8	87.8	91.2	93.8	95.9
GE 000	72.3	73.1	74.6	77.2	81.1	81.9	82.4	82.6	82.9	84.7	87.8	87.8	87.8	91.5	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 386

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.5	22.9	23.7	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	25.4	25.4
GE 20000	22.5	22.9	23.7	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	25.4	25.4
GE 18000	22.5	22.9	23.7	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	25.4	25.4
GE 16000	22.5	22.9	23.7	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	25.4	25.4
GE 14000	22.5	22.9	23.7	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	25.4	25.4
GE 12000	22.5	22.9	23.7	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.9	24.9	24.9	24.9	25.4	25.4
GE 10000	23.2	23.6	24.4	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.6	25.6	25.6	25.6	26.1	26.1
GE 9000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 8000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 7000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 6000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 5000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 4500	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 4000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 3500	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 3000	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 2500	23.7	24.1	24.9	25.3	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.6	26.6
GE 2000	25.6	25.9	26.8	27.1	27.6	27.6	27.6	27.6	27.6	27.6	28.0	28.0	28.0	28.0	28.5	28.5
GE 1800	28.0	28.3	29.2	29.5	30.0	30.0	30.0	30.0	30.0	30.0	30.3	30.3	30.3	30.3	30.8	30.8
GE 1500	31.2	31.5	32.4	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.6	33.6	33.6	33.6	34.1	34.1
GE 1200	35.9	36.3	37.1	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.3	38.3	38.3	38.3	38.8	38.8
GE 1000	40.3	40.7	41.5	41.9	42.5	42.5	42.5	42.5	42.5	42.5	42.9	42.9	42.9	42.9	43.4	43.4
GE 900	44.1	44.4	45.4	45.8	46.4	46.4	46.6	46.6	46.6	46.6	46.9	46.9	46.9	46.9	47.5	47.5
GE 800	46.9	47.3	48.8	49.2	50.0	50.0	50.2	50.2	50.2	50.2	50.5	50.5	50.5	50.5	51.0	51.0
GE 700	50.0	50.5	52.4	52.7	53.6	53.6	53.7	53.7	53.7	53.7	54.1	54.1	54.1	54.1	54.6	54.6
GE 600	54.6	55.8	58.5	59.2	60.3	60.3	60.8	60.8	60.8	60.8	61.2	61.2	61.2	61.2	61.7	61.7
GE 500	57.3	58.6	62.2	63.1	65.3	65.6	66.1	66.1	66.1	66.1	66.4	66.4	66.6	66.6	67.1	67.1
GE 400	60.2	62.5	66.6	68.5	71.2	72.0	72.9	72.9	72.9	73.4	73.9	73.9	74.1	74.2	74.7	74.7
GE 300	60.8	63.4	68.1	70.5	74.4	75.4	77.6	78.0	78.0	79.5	81.2	81.2	81.5	81.7	82.4	82.5
GE 200	61.4	64.1	68.8	71.2	75.6	76.8	79.0	79.5	79.5	82.2	84.9	85.6	88.6	90.0	91.4	95.1
GE 100	61.4	64.1	68.8	71.2	75.6	76.8	79.0	79.5	79.5	82.2	85.1	85.8	88.8	91.0	92.5	99.2
GE 000	61.4	64.1	68.8	71.2	75.6	76.8	79.0	79.5	79.5	82.2	85.1	85.8	88.8	91.0	92.5	100.0

TOTAL NUMBER OF OBSERVATIONS 590

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.4	18.9	20.1	20.7	21.4	21.5	21.6	21.6	21.6	21.7	21.7	21.7	21.9	21.9	22.1	22.9
GE 20000	18.9	19.5	20.7	21.4	22.1	22.2	22.3	22.4	22.4	22.5	22.5	22.5	22.6	22.6	22.8	23.7
GE 18000	19.1	19.7	20.9	21.6	22.3	22.4	22.5	22.5	22.5	22.6	22.6	22.6	22.8	22.8	23.0	23.9
GE 16000	19.1	19.7	20.9	21.6	22.3	22.4	22.5	22.5	22.5	22.6	22.6	22.6	22.8	22.8	23.0	23.9
GE 14000	19.7	20.3	21.6	22.2	22.9	23.0	23.1	23.2	23.2	23.3	23.3	23.3	23.4	23.4	23.6	24.5
GE 12000	20.0	20.6	21.9	22.5	23.3	23.4	23.6	23.7	23.7	23.8	23.8	23.8	24.0	24.0	24.2	25.1
GE 10000	20.7	21.5	22.7	23.4	24.1	24.3	24.4	24.5	24.5	24.6	24.6	24.6	24.8	24.8	25.0	25.9
GE 9000	21.2	21.9	23.2	23.8	24.5	24.7	24.9	25.0	25.0	25.1	25.1	25.1	25.2	25.2	25.4	26.3
GE 8000	21.4	22.1	23.4	24.0	24.7	25.0	25.2	25.2	25.2	25.3	25.3	25.3	25.5	25.5	25.7	26.6
GE 7000	21.4	22.1	23.4	24.0	24.7	25.0	25.2	25.2	25.2	25.3	25.3	25.3	25.5	25.5	25.7	26.6
GE 6000	21.5	22.2	23.4	24.1	24.8	25.1	25.2	25.3	25.3	25.4	25.4	25.4	25.6	25.6	25.8	26.7
GE 5000	21.7	22.5	23.7	24.3	25.1	25.3	25.5	25.6	25.6	25.7	25.7	25.7	25.9	25.9	26.1	27.0
GE 4500	21.7	22.5	23.7	24.3	25.1	25.3	25.5	25.6	25.6	25.7	25.7	25.7	25.9	25.9	26.1	27.0
GE 4000	22.0	22.7	24.0	24.6	25.3	25.6	25.8	25.9	25.9	26.0	26.0	26.0	26.1	26.1	26.3	27.2
GE 3500	22.1	22.8	24.1	24.7	25.4	25.7	25.9	26.0	26.0	26.1	26.1	26.1	26.2	26.2	26.4	27.3
GE 3000	22.4	23.1	24.3	25.0	25.7	26.0	26.1	26.2	26.2	26.3	26.3	26.3	26.5	26.5	26.7	27.6
GE 2500	23.1	23.8	25.1	25.7	26.4	26.7	26.9	27.0	27.0	27.1	27.1	27.1	27.2	27.2	27.4	28.3
GE 2000	25.6	26.3	27.7	28.4	29.2	29.5	29.7	29.8	29.8	29.8	29.8	29.8	30.0	30.0	30.2	31.1
GE 1800	26.4	27.1	28.5	29.2	30.0	30.3	30.5	30.6	30.6	30.7	30.7	30.7	30.8	30.8	31.0	31.9
GE 1500	28.8	29.5	30.9	31.7	32.5	32.7	32.9	33.0	33.0	33.1	33.1	33.1	33.3	33.3	33.5	34.4
GE 1200	32.6	33.4	34.9	35.8	36.7	37.0	37.2	37.2	37.2	37.3	37.3	37.3	37.5	37.5	37.7	38.6
GE 1000	35.3	36.2	38.3	39.7	40.7	40.9	41.1	41.2	41.2	41.3	41.3	41.3	41.5	41.5	41.7	42.6
GE 900	38.3	39.9	42.2	44.0	45.1	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.9	45.9	46.1	47.0
GE 800	39.9	41.8	45.2	47.3	48.8	49.1	49.4	49.5	49.5	49.7	49.7	49.7	49.9	49.9	50.0	50.9
GE 700	41.9	44.1	48.6	51.1	53.0	53.4	53.7	53.8	53.8	54.0	54.0	54.0	54.2	54.2	54.4	55.3
GE 600	43.5	46.2	52.0	56.0	58.8	59.3	59.8	60.1	60.1	60.3	60.3	60.3	60.5	60.5	60.7	61.6
GE 500	44.2	47.3	54.9	60.4	65.9	67.0	68.3	68.7	68.9	69.1	69.1	69.1	69.3	69.3	69.4	70.3
GE 400	44.5	47.8	56.0	62.3	69.2	70.3	73.6	74.8	75.6	76.5	76.6	76.6	76.9	77.0	77.2	78.1
GE 300	44.6	48.0	56.4	62.8	70.2	72.0	76.4	78.8	80.1	82.3	83.7	83.8	84.9	85.3	85.5	86.7
GE 200	44.6	48.0	56.4	62.9	70.4	72.2	76.8	79.4	81.1	83.8	86.1	86.7	90.3	92.2	93.1	95.4
GE 100	44.6	48.0	56.4	62.9	70.4	72.2	76.8	79.4	81.2	83.9	86.4	86.9	90.7	92.7	94.5	99.5
GE 000	44.6	48.0	56.4	62.9	70.4	72.2	76.8	79.4	81.2	83.9	86.4	86.9	90.7	92.7	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1109

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	43.5	45.2	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	44.4	45.0	46.6	47.2	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 18000	44.6	45.2	46.8	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	44.6	45.2	46.9	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 14000	45.0	45.6	47.2	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	46.1	46.7	48.4	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 10000	47.3	47.9	49.6	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 9000	47.6	48.2	49.9	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	47.6	48.2	49.9	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 7000	47.6	48.2	50.0	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 6000	47.6	48.2	50.0	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 5000	47.7	48.3	50.1	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 4500	47.7	48.3	50.1	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 4000	48.6	49.2	51.0	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 3500	49.4	50.0	51.8	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 3000	50.1	50.7	52.5	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 2500	51.5	52.1	53.9	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 2000	53.3	53.9	55.8	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 1800	54.3	54.9	56.8	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 1500	58.2	58.9	60.8	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1200	63.4	64.5	67.2	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 1000	68.6	69.9	73.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 900	71.7	74.0	78.0	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 800	73.9	76.4	81.0	83.8	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 700	75.4	78.2	83.6	87.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 600	76.3	79.5	85.7	89.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	77.3	80.7	87.6	92.3	95.5	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	77.4	80.8	87.8	93.0	96.8	97.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	77.4	80.8	87.8	93.1	97.3	97.7	98.8	99.3	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	77.4	80.8	87.8	93.1	97.3	97.7	98.8	99.3	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	77.4	80.8	87.8	93.1	97.3	97.7	98.8	99.3	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	77.4	80.8	87.8	93.1	97.3	97.7	98.8	99.3	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1167

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.7	64.0	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	66.9	67.1	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	67.4	67.6	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	67.5	67.7	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	67.6	67.9	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	68.4	68.7	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	69.7	69.9	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	69.8	70.0	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 8000	70.3	70.5	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	70.5	70.8	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	70.5	70.8	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	70.7	71.0	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	71.1	71.4	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	71.8	72.1	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	72.3	72.5	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	73.0	73.3	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2500	73.5	73.7	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	74.4	74.7	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1800	74.7	75.0	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1500	77.1	77.4	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1200	81.3	81.7	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1000	86.6	87.1	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	89.0	89.6	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	90.4	91.2	92.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	92.4	93.2	94.6	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	93.5	94.3	95.9	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	94.5	95.4	97.5	97.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	94.7	95.5	97.7	98.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.9	95.8	97.9	98.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	95.8	97.9	98.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	95.8	97.9	98.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	95.8	97.9	98.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	55.5	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	55.7	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	56.1	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	56.9	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	57.6	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	58.1	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	58.4	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 7000	58.5	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	58.5	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000	58.5	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4500	59.0	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	59.4	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3500	59.7	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 3000	60.6	60.9	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 2500	60.7	61.0	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 2000	61.1	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1800	61.2	61.5	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 1500	63.5	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 1200	67.6	67.9	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1000	72.0	72.3	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 900	76.5	76.9	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 800	80.7	81.2	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 700	84.4	85.1	86.2	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 600	87.5	88.3	89.9	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	90.1	91.4	93.6	94.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	90.8	92.4	94.8	96.1	97.9	98.1	98.1	98.4	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	91.1	92.6	95.2	96.6	98.4	98.6	98.7	98.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.1	92.6	95.3	96.7	98.5	98.7	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.1	92.6	95.3	96.7	98.5	98.7	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.1	92.6	95.3	96.7	98.5	98.7	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 20000	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 14000	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 12000	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 10000	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 9000	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 8000	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 7000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 6000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 5000	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 4500	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 4000	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 3500	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 3000	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 2500	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 2000	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 1800	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 1500	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 1200	52.2	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 1000	57.3	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 900	60.8	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 800	64.4	64.9	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 700	70.6	71.3	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 600	73.8	74.9	77.0	77.7	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 500	76.9	78.9	81.8	83.0	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 400	78.7	80.8	84.2	85.6	87.7	88.1	88.8	89.0	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 300	79.4	81.7	85.2	86.7	89.8	90.3	91.8	92.6	92.9	93.4	94.1	94.4	95.3	95.3	95.3	95.3
GE 200	79.7	81.9	85.6	87.0	90.2	90.8	92.3	93.1	93.4	94.3	95.4	96.1	98.2	98.6	98.9	99.0
GE 100	79.7	81.9	85.6	87.0	90.2	90.8	92.3	93.1	93.4	94.3	95.4	96.1	98.3	99.0	99.6	99.9
GE 000	79.7	81.9	85.6	87.0	90.2	90.8	92.3	93.1	93.4	94.3	95.4	96.1	98.3	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	41.6	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	42.0	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 12000	42.3	42.3	42.3	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 10000	42.5	42.5	42.5	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 9000	42.9	42.9	42.9	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 8000	42.9	42.9	42.9	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 7000	42.9	42.9	42.9	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 6000	42.9	42.9	42.9	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 5000	43.2	43.2	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 4500	43.2	43.2	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 4000	43.2	43.2	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 3500	43.5	43.5	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 3000	43.8	43.8	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2500	43.8	43.8	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2000	45.4	45.4	45.4	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 1800	46.0	46.0	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 1500	48.4	48.4	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 1200	52.1	52.1	52.1	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 1000	56.3	56.3	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 900	60.5	60.5	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 800	63.4	63.4	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 700	67.6	67.6	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 600	71.8	72.1	73.0	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 500	74.8	75.4	77.3	78.0	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 400	76.4	77.1	79.4	80.2	81.9	81.9	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.6
GE 300	78.2	79.2	82.3	83.3	86.3	86.4	87.0	87.2	87.5	88.2	88.6	88.6	90.0	90.0	90.0	90.3
GE 200	78.8	79.8	82.9	84.1	87.8	87.9	88.9	89.1	89.4	90.3	92.0	92.2	96.3	96.6	97.6	98.1
GE 100	78.8	79.8	82.9	84.1	87.8	87.9	88.9	89.1	89.4	90.3	92.0	92.2	96.5	97.1	98.5	99.6
GE 000	78.8	79.8	82.9	84.1	87.8	87.9	88.9	89.1	89.4	90.3	92.0	92.2	96.5	97.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.1	41.4	42.1	42.4	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.8	42.9
GE 20000	42.5	42.9	43.5	43.8	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.4
GE 18000	42.8	43.1	43.7	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.5	44.6
GE 16000	42.8	43.1	43.8	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.7
GE 14000	43.1	43.4	44.1	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.9
GE 12000	43.7	44.0	44.7	45.0	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.7
GE 10000	44.5	44.9	45.5	45.8	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.4	46.5
GE 9000	44.9	45.2	45.9	46.2	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.9
GE 8000	45.1	45.4	46.1	46.4	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.9	47.1
GE 7000	45.1	45.5	46.1	46.5	46.7	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	47.0	47.1
GE 6000	45.2	45.5	46.2	46.5	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.2
GE 5000	45.3	45.6	46.3	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.2	47.3
GE 4500	45.5	45.8	46.5	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.5
GE 4000	45.9	46.2	46.9	47.3	47.5	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.9
GE 3500	46.2	46.5	47.2	47.6	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.3
GE 3000	46.7	47.1	47.8	48.2	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.9
GE 2500	47.2	47.5	48.2	48.6	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.3
GE 2000	48.6	48.9	49.7	50.1	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.8
GE 1800	49.3	49.6	50.3	50.8	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.5
GE 1500	52.1	52.4	53.2	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.3
GE 1200	56.4	56.8	57.8	58.3	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	59.0
GE 1000	60.8	61.3	62.5	63.1	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.8
GE 900	64.1	65.0	66.4	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	68.0
GE 800	66.9	67.9	69.7	70.7	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.7
GE 700	70.0	71.2	73.5	74.8	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	76.0
GE 600	72.5	74.0	77.0	78.8	80.0	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.6
GE 500	74.4	76.2	80.2	82.4	84.6	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.8
GE 400	75.4	77.3	81.6	84.2	87.1	87.6	88.5	88.9	89.1	89.3	89.4	89.4	89.5	89.5	89.6	89.8
GE 300	75.8	77.9	82.4	85.2	88.7	89.3	90.6	91.3	91.7	92.5	93.1	93.2	93.7	93.8	93.8	94.1
GE 200	76.0	78.1	82.6	85.4	89.1	89.7	91.2	91.9	92.3	93.4	94.5	94.7	96.4	97.0	97.5	98.3
GE 100	76.0	78.1	82.6	85.4	89.1	89.7	91.2	91.9	92.3	93.4	94.6	94.8	96.6	97.3	98.1	99.7
GE 000	76.0	78.1	82.6	85.4	89.1	89.7	91.2	91.9	92.3	93.4	94.6	94.8	96.6	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7045

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	39.5	39.5	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.7
GE 20000	38.4	39.5	39.5	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.7
GE 18000	38.4	39.5	39.5	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.7
GE 16000	38.4	39.5	39.5	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.7
GE 14000	38.4	39.5	39.5	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.7
GE 12000	39.2	40.4	40.4	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.6
GE 10000	40.1	41.3	41.3	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4
GE 9000	40.7	41.9	41.9	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	43.0
GE 8000	41.0	42.2	42.2	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.3
GE 7000	41.0	42.2	42.2	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.3
GE 6000	41.3	42.4	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.6
GE 5000	41.3	42.4	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.6
GE 4500	41.3	42.4	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.6
GE 4000	41.9	43.0	43.0	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.2
GE 3500	42.4	43.6	43.6	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.8
GE 3000	43.9	45.1	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.2
GE 2500	45.1	46.2	46.2	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7
GE 2000	46.5	47.7	47.7	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.1
GE 1800	46.5	47.7	47.7	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.1
GE 1500	50.9	52.0	52.3	52.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.8
GE 1200	52.3	53.5	53.8	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2
GE 1000	56.4	57.8	58.1	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
GE 900	58.7	60.2	60.5	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.9
GE 800	59.9	61.9	62.2	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
GE 700	61.0	64.0	65.1	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.6
GE 600	62.8	66.0	68.3	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
GE 500	64.5	67.7	70.3	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.8
GE 400	66.9	70.3	74.1	74.7	76.2	76.2	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	77.3
GE 300	67.2	70.9	75.6	78.5	82.8	82.8	83.4	83.4	83.4	84.9	86.3	86.3	86.3	86.3	86.6	87.2
GE 200	67.2	70.9	75.6	78.5	83.1	83.1	83.7	84.9	84.9	86.6	88.7	89.0	91.0	91.3	92.2	95.1
GE 100	67.2	70.9	75.6	78.5	83.1	83.4	84.0	85.2	85.2	87.2	89.2	89.5	92.2	92.4	94.5	99.4
GE 000	67.2	70.9	75.6	78.5	83.1	83.4	84.0	85.2	85.2	87.2	89.2	89.5	92.2	92.4	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 344

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRTZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	31.5	32.0	32.2	33.1	33.3	33.3	33.7	33.7	33.9	34.1	34.1	34.4	34.4	34.8	36.3
GE 20000	31.7	32.0	32.6	32.8	33.7	33.9	33.9	34.3	34.3	34.4	34.6	34.6	35.0	35.0	35.4	36.8
GE 18000	31.7	32.0	32.6	32.8	33.7	33.9	33.9	34.3	34.3	34.4	34.6	34.6	35.0	35.0	35.4	36.8
GE 16000	31.7	32.0	32.6	32.8	33.7	33.9	33.9	34.3	34.3	34.4	34.6	34.6	35.0	35.0	35.4	36.8
GE 14000	31.7	32.0	32.6	32.8	33.7	33.9	33.9	34.3	34.3	34.4	34.6	34.6	35.0	35.0	35.4	36.8
GE 12000	32.2	32.6	33.1	33.3	34.3	34.4	34.4	34.8	34.8	35.0	35.2	35.2	35.5	35.5	35.9	37.4
GE 10000	33.5	33.9	34.4	34.6	35.5	35.7	35.7	36.1	36.1	36.3	36.5	36.5	36.8	36.8	37.2	38.7
GE 9000	33.9	34.3	34.8	35.0	35.9	36.1	36.1	36.5	36.5	36.6	36.8	36.8	37.2	37.2	37.6	39.0
GE 8000	34.3	34.6	35.2	35.4	36.3	36.5	36.5	36.8	36.8	37.0	37.2	37.2	37.6	37.6	37.9	39.4
GE 7000	34.3	34.6	35.2	35.4	36.3	36.5	36.5	36.8	36.8	37.0	37.2	37.2	37.6	37.6	37.9	39.4
GE 6000	34.3	34.6	35.2	35.4	36.3	36.5	36.5	36.8	36.8	37.0	37.2	37.2	37.6	37.6	37.9	39.4
GE 5000	34.3	34.6	35.2	35.4	36.3	36.5	36.5	36.8	36.8	37.0	37.2	37.2	37.6	37.6	37.9	39.4
GE 4500	34.4	34.8	35.4	35.5	36.5	36.6	36.6	37.0	37.0	37.2	37.4	37.4	37.8	37.8	38.1	39.6
GE 4000	34.6	35.0	35.5	35.7	36.6	36.8	36.8	37.2	37.2	37.4	37.6	37.6	37.9	37.9	38.3	39.8
GE 3500	34.8	35.2	35.7	35.9	36.8	37.0	37.0	37.4	37.4	37.6	37.8	37.8	38.1	38.1	38.5	40.0
GE 3000	36.1	36.5	37.0	37.2	38.1	38.3	38.3	38.7	38.7	38.9	39.0	39.0	39.4	39.4	39.8	41.3
GE 2500	38.1	38.9	39.4	39.6	40.7	40.9	40.9	41.3	41.3	41.4	41.6	41.6	42.0	42.0	42.4	43.8
GE 2000	41.8	42.5	43.1	43.3	44.4	44.8	44.8	45.1	45.1	45.3	45.5	45.5	45.9	45.9	46.2	47.7
GE 1800	43.5	44.2	44.8	44.9	46.0	46.4	46.4	46.8	46.8	47.0	47.1	47.1	47.5	47.5	47.9	49.4
GE 1500	49.0	49.7	50.3	50.5	51.6	51.9	51.9	52.3	52.3	52.5	52.7	52.7	53.0	53.0	53.4	54.9
GE 1200	51.9	52.9	53.4	53.6	54.7	55.1	55.1	55.4	55.4	55.6	55.8	55.8	56.2	56.2	56.5	58.0
GE 1000	54.1	55.1	56.0	56.2	57.3	57.6	57.6	58.0	58.0	58.2	58.4	58.4	58.7	58.7	59.1	60.6
GE 900	54.7	55.8	56.7	56.9	58.0	58.4	58.4	58.7	58.7	58.9	59.1	59.1	59.5	59.5	59.9	61.3
GE 800	56.5	57.8	58.7	58.9	60.0	60.4	60.4	60.8	60.8	61.0	61.1	61.1	61.5	61.5	61.9	63.4
GE 700	57.8	59.3	60.2	60.4	61.9	62.2	62.2	62.6	62.6	63.0	63.2	63.2	63.5	63.5	63.9	65.4
GE 600	59.5	61.5	62.8	63.2	64.8	65.2	65.2	65.6	65.6	65.9	66.1	66.1	66.5	66.5	66.9	68.3
GE 500	61.0	63.4	65.7	67.0	69.6	70.0	70.2	70.7	70.7	71.1	71.3	71.3	71.8	71.8	72.2	73.8
GE 400	61.7	65.0	68.0	69.2	72.9	73.3	74.0	74.8	74.8	75.1	75.3	75.3	75.9	75.9	76.2	77.9
GE 300	61.9	65.2	68.3	70.3	74.6	75.5	77.0	77.7	77.7	79.6	81.0	81.0	81.8	82.0	82.3	85.1
GE 200	61.9	65.4	68.5	70.5	75.3	76.2	78.3	79.0	79.2	81.8	83.8	84.0	85.8	86.0	86.9	91.9
GE 100	61.9	65.4	68.5	70.5	75.3	76.2	78.3	79.0	79.2	81.8	84.2	84.3	86.9	88.0	89.1	99.4
GE 000	61.9	65.4	68.5	70.5	75.3	76.2	78.3	79.0	79.2	81.8	84.2	84.3	86.9	88.0	89.3	100.0

TOTAL NUMBER OF OBSERVATIONS 543

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.4	30.1	31.1	31.5	32.3	32.6	32.8	33.1	33.2	33.5	33.6	33.6	33.7	33.8	34.6	35.7
GE 20000	30.3	31.1	32.3	32.7	33.5	33.8	34.0	34.2	34.3	34.6	34.7	34.7	34.8	34.9	36.0	37.1
GE 18000	30.7	31.5	32.7	33.1	33.9	34.2	34.3	34.6	34.7	35.0	35.1	35.1	35.2	35.3	36.4	37.5
GE 16000	31.1	31.9	33.1	33.5	34.2	34.5	34.7	35.0	35.1	35.4	35.5	35.5	35.6	35.7	36.8	37.9
GE 14000	31.2	32.0	33.2	33.6	34.3	34.6	34.8	35.1	35.2	35.5	35.6	35.6	35.7	35.8	36.9	38.1
GE 12000	31.7	32.5	33.8	34.2	35.0	35.3	35.5	35.8	35.9	36.2	36.3	36.3	36.4	36.5	37.6	38.8
GE 10000	32.1	32.9	34.2	34.6	35.4	35.7	35.9	36.2	36.3	36.6	36.7	36.7	36.8	36.9	38.0	39.2
GE 9000	32.3	33.1	34.3	34.8	35.6	35.9	36.1	36.4	36.5	36.8	36.9	36.9	37.0	37.1	38.2	39.4
GE 8000	33.3	34.2	35.4	35.9	36.7	37.0	37.2	37.5	37.6	37.9	38.0	38.0	38.1	38.2	39.3	40.4
GE 7000	33.6	34.4	35.7	36.2	37.0	37.3	37.5	37.8	37.9	38.2	38.3	38.3	38.4	38.5	39.5	40.7
GE 6000	34.2	35.0	36.3	36.8	37.6	37.9	38.1	38.4	38.5	38.8	38.9	38.9	39.0	39.1	40.1	41.3
GE 5000	34.9	35.8	37.2	37.8	38.6	38.9	39.1	39.4	39.5	39.7	39.8	39.8	39.9	40.0	41.1	42.3
GE 4500	35.6	36.5	37.9	38.5	39.3	39.5	39.7	40.0	40.1	40.4	40.5	40.5	40.6	40.7	41.8	43.0
GE 4000	36.4	37.4	38.9	39.5	40.2	40.5	40.7	41.0	41.1	41.4	41.5	41.5	41.6	41.7	42.8	44.0
GE 3500	37.2	38.2	39.6	40.2	41.0	41.3	41.5	41.8	41.9	42.2	42.3	42.3	42.4	42.5	43.6	44.7
GE 3000	38.9	39.8	41.3	41.9	42.7	43.0	43.2	43.5	43.6	43.9	44.0	44.0	44.1	44.2	45.2	46.4
GE 2500	40.7	41.8	43.3	43.9	44.7	44.9	45.1	45.4	45.5	45.8	45.9	45.9	46.0	46.1	47.2	48.4
GE 2000	44.0	45.1	46.7	47.3	48.1	48.4	48.6	48.9	49.0	49.3	49.4	49.4	49.5	49.6	50.6	51.8
GE 1800	45.0	46.2	47.8	48.4	49.2	49.5	49.7	50.0	50.0	50.3	50.4	50.4	50.5	50.6	51.7	52.9
GE 1500	47.7	49.1	50.9	51.5	52.3	52.6	52.8	53.1	53.2	53.5	53.6	53.6	53.7	53.8	54.9	56.0
GE 1200	50.7	52.5	54.5	55.1	55.9	56.2	56.4	56.7	56.8	57.1	57.2	57.2	57.3	57.4	58.5	59.7
GE 1000	52.0	54.1	56.2	57.0	57.9	58.2	58.4	58.7	58.8	59.2	59.3	59.3	59.4	59.5	60.5	61.7
GE 900	52.6	54.8	57.0	57.9	58.8	59.1	59.3	59.8	59.9	60.3	60.4	60.4	60.5	60.5	61.6	62.8
GE 800	53.0	55.2	57.9	59.2	60.1	60.4	60.6	61.1	61.2	61.6	61.7	61.7	61.8	61.9	63.0	64.3
GE 700	53.6	55.8	58.8	60.5	61.6	62.0	62.6	63.1	63.2	63.6	63.7	63.7	63.8	63.9	65.0	66.2
GE 600	53.9	56.2	59.5	62.1	64.4	64.8	65.6	66.2	66.3	66.8	66.9	66.9	67.0	67.1	68.2	69.5
GE 500	54.1	56.5	60.0	63.2	67.6	68.2	69.5	70.5	70.6	71.1	71.4	71.5	71.7	71.8	72.9	74.4
GE 400	54.1	56.5	60.5	64.1	69.7	71.1	73.6	75.2	75.7	76.6	77.6	77.7	78.0	78.2	79.4	81.1
GE 300	54.1	56.5	60.5	64.2	70.2	71.6	74.7	77.4	78.6	80.5	82.6	82.8	83.5	84.0	85.5	87.9
GE 200	54.1	56.5	60.5	64.2	70.2	71.6	75.1	77.9	79.3	81.3	84.6	85.1	86.7	87.3	89.9	94.4
GE 100	54.1	56.5	60.5	64.2	70.2	71.6	75.1	77.9	79.3	81.3	84.6	85.3	87.0	88.1	91.6	98.7
GE 000	54.1	56.5	60.5	64.2	70.2	71.6	75.1	77.9	79.3	81.3	84.6	85.3	87.0	88.1	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1019

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT CRD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	51.7	53.8	54.3	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	51.2	53.9	56.2	56.8	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 18000	51.5	54.2	56.5	57.1	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	51.5	54.2	56.5	57.1	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	52.0	54.8	57.2	57.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	53.4	56.1	58.6	59.2	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	54.3	57.1	59.5	60.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 9000	54.5	57.3	59.7	60.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	56.0	58.8	61.2	61.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	56.2	59.0	61.5	62.1	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 6000	56.8	59.6	62.0	62.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	57.4	60.2	62.7	63.3	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	58.4	61.2	63.6	64.3	65.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4000	59.7	62.5	64.9	65.7	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500	60.8	63.6	66.0	66.9	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 3000	62.3	65.1	67.5	68.3	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 2500	64.2	67.0	69.5	70.3	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	65.9	68.8	71.2	72.1	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1800	66.3	69.3	71.7	72.5	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1500	69.5	72.4	75.0	75.8	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1200	71.3	74.7	78.0	79.0	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1000	72.8	76.4	80.4	81.8	83.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 900	73.5	77.4	82.0	83.8	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	74.0	78.6	84.0	86.1	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 700	74.3	79.0	84.6	87.4	90.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	74.5	79.2	85.2	88.4	91.9	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	74.7	79.4	85.6	89.3	93.6	94.0	95.5	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	74.7	79.5	85.8	89.7	94.5	95.2	96.9	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	74.7	79.5	85.8	89.7	94.8	95.5	97.4	98.3	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	74.7	79.5	85.8	89.7	94.8	95.5	97.4	98.3	98.7	99.2	99.7	99.8	99.8	99.8	99.9	99.9
GE 100	74.7	79.5	85.8	89.7	94.8	95.5	97.4	98.3	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0
GE 000	74.7	79.5	85.8	89.7	94.8	95.5	97.4	98.3	98.7	99.2	99.7	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1074

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.7	69.0	70.1	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 20000	71.3	72.7	74.0	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	71.6	73.0	74.3	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	71.6	73.0	74.3	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	72.3	73.7	75.0	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	73.2	74.6	75.9	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	74.7	76.1	77.4	77.7	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	74.8	76.2	77.5	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	76.4	77.7	79.1	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	76.8	78.2	79.5	79.9	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	77.5	78.9	80.3	80.6	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	77.7	79.1	80.4	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	78.3	79.7	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	79.1	80.4	81.8	82.2	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	79.8	81.2	82.6	83.0	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	80.5	81.9	83.3	83.7	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	81.1	82.5	83.9	84.3	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	82.6	84.0	85.4	85.8	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	82.9	84.3	85.7	86.0	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500	83.9	85.3	86.7	87.1	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	85.6	87.0	88.4	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	87.5	89.0	90.7	91.1	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	87.9	89.7	91.3	91.8	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	88.7	90.8	92.7	93.2	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	88.9	91.2	93.5	94.3	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	89.9	92.6	95.1	96.2	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	90.4	93.3	96.0	97.6	98.5	98.5	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	90.7	93.6	96.4	98.2	99.3	99.3	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	90.7	93.6	96.4	98.2	99.3	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.7	93.6	96.4	98.2	99.3	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.7	93.6	96.4	98.2	99.3	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.7	93.6	96.4	98.2	99.3	99.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1074

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	60.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	64.6	64.9	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 18000	65.4	65.7	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	65.4	65.7	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	66.1	66.4	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	66.4	66.7	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000	68.3	68.6	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	68.6	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	69.2	69.5	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 7000	69.6	70.0	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	70.6	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	70.9	71.3	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	71.1	71.5	72.1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	71.6	72.0	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	72.1	72.6	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	73.1	73.5	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2500	73.3	73.7	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2000	73.9	74.3	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1800	74.0	74.4	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1500	75.2	75.6	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1200	76.1	76.7	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1000	79.1	79.8	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 900	81.1	82.2	83.7	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 800	82.5	84.1	85.7	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 700	84.6	86.6	88.6	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 600	86.8	89.0	91.5	91.7	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 500	87.8	90.4	93.3	93.9	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	88.6	91.2	94.1	94.6	95.7	95.8	96.4	96.6	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	88.6	91.3	94.2	94.9	96.3	96.5	97.2	97.4	97.7	98.2	98.4	98.5	98.5	98.5	98.5	98.5
GE 200	88.7	91.4	94.4	95.1	96.7	96.9	97.8	98.0	98.3	99.0	99.3	99.4	99.6	99.8	99.9	99.9
GE 100	88.7	91.4	94.4	95.1	96.7	96.9	97.8	98.0	98.3	99.0	99.3	99.4	99.6	99.8	100.0	100.0
GE 000	88.7	91.4	94.4	95.1	96.7	96.9	97.8	98.0	98.3	99.0	99.3	99.4	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 962

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 7000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4500	60.8	60.8	60.8	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 4000	61.1	61.1	61.2	61.2	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 3500	61.5	61.6	61.7	61.7	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 3000	62.8	62.9	63.1	63.1	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 2500	63.2	63.3	63.4	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2000	64.2	64.4	64.5	64.5	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1800	64.4	64.7	64.8	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1500	66.9	67.1	67.2	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1200	68.6	68.8	69.0	69.0	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1000	70.2	70.4	70.6	70.6	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 900	72.4	72.7	73.2	73.2	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 800	73.8	74.3	75.4	75.4	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 700	77.1	77.8	79.3	79.4	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 600	79.1	80.2	82.4	82.6	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 500	80.2	81.9	84.9	85.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1
GE 400	80.5	82.6	86.8	88.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 300	80.8	82.9	87.2	88.5	90.3	90.3	90.6	90.6	90.8	91.4	91.9	91.9	92.2	92.2	92.2	92.2
GE 200	81.0	83.1	87.4	88.9	90.6	90.6	91.0	91.0	91.3	92.7	93.7	93.8	96.4	97.4	97.9	98.3
GE 100	81.0	83.1	87.4	88.9	90.6	90.6	91.1	91.1	91.4	92.9	93.8	94.0	96.6	97.5	98.6	99.9
GE 000	81.0	83.1	87.4	88.9	90.6	90.6	91.1	91.1	91.4	92.9	93.8	94.0	96.6	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	50.7	50.7	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	51.2	51.2	51.2	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	51.6	51.6	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 16000	51.6	51.6	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	51.9	51.9	51.9	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	52.9	52.9	52.9	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
GE 10000	54.3	54.3	54.3	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2
GE 9000	54.3	54.3	54.3	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2
GE 8000	54.8	54.8	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 7000	54.8	54.8	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 6000	55.3	55.3	55.3	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
GE 5000	55.6	55.6	55.6	55.8	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.8
GE 4500	56.1	56.1	56.1	56.3	56.8	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.3
GE 4000	56.5	56.5	56.5	56.6	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.6
GE 3500	56.5	56.5	56.5	56.6	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.6
GE 3000	57.1	57.1	57.1	57.3	57.8	57.8	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.3
GE 2500	57.9	57.9	57.9	58.1	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.1
GE 2000	58.6	58.6	58.6	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 1800	58.6	58.6	58.6	58.8	59.2	59.2	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 1500	61.2	61.4	61.4	61.5	62.0	62.0	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.5
GE 1200	63.8	64.0	64.0	64.2	64.6	64.6	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 1000	66.9	67.1	67.3	67.4	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.6
GE 900	69.2	69.4	69.6	69.7	70.4	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.9
GE 800	69.9	70.2	70.9	71.0	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 700	72.0	72.3	73.3	73.5	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 600	73.8	74.3	75.3	75.5	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.8
GE 500	75.8	76.6	78.1	79.1	79.9	79.9	80.0	80.0	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.7
GE 400	77.6	79.1	81.2	83.5	84.8	84.8	85.1	85.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 300	77.7	79.2	81.8	84.6	87.6	87.6	88.5	88.9	88.9	90.3	90.5	90.5	90.5	90.5	90.5	90.7
GE 200	77.7	79.2	81.8	84.8	87.7	87.7	88.9	89.2	89.2	91.2	92.1	92.5	93.8	95.1	95.6	96.4
GE 100	77.7	79.2	81.8	84.8	87.7	87.7	88.9	89.2	89.4	91.3	92.3	92.6	93.9	95.4	97.7	99.5
GE 000	77.7	79.2	81.8	84.8	87.7	87.7	88.9	89.2	89.4	91.3	92.3	92.6	93.9	95.4	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	50.1	50.9	51.1	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.2	52.5
GE 20000	51.2	52.2	53.1	53.4	53.8	53.9	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.4	54.7
GE 18000	51.6	52.5	53.5	53.7	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.8	55.1
GE 16000	51.7	52.6	53.5	53.8	54.2	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.8	55.1
GE 14000	52.2	53.2	54.1	54.4	54.9	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.4	55.8
GE 12000	53.0	54.0	54.9	55.2	55.7	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.3	56.7
GE 10000	54.4	55.3	56.3	56.6	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.7	58.0
GE 9000	54.5	55.5	56.5	56.8	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.9	58.2
GE 8000	55.5	56.5	57.4	57.7	58.2	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.8	59.2
GE 7000	55.8	56.7	57.7	58.0	58.5	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.9	58.9	59.1	59.5
GE 6000	56.3	57.3	58.2	58.5	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.5	59.7	60.0
GE 5000	56.7	57.7	58.7	59.0	59.5	59.6	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.2	60.5
GE 4500	57.2	58.2	59.2	59.5	60.1	60.1	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.7	61.1
GE 4000	57.6	58.6	59.9	60.2	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.5	61.8
GE 3500	58.4	59.5	60.5	60.9	61.5	61.5	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.5
GE 3000	59.6	60.6	61.7	62.1	62.7	62.7	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.3	63.7
GE 2500	60.7	61.8	62.8	63.2	63.9	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.9
GE 2000	62.4	63.6	64.6	65.0	65.6	65.7	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.3	66.7
GE 1800	62.9	64.0	65.1	65.5	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.8	67.2
GE 1500	65.4	66.6	67.8	68.1	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.5	69.8
GE 1200	67.4	68.8	70.1	70.5	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.9	72.2
GE 1000	69.6	71.1	72.6	73.1	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.9
GE 900	70.8	72.5	74.3	74.9	75.6	75.7	75.8	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.4	76.7
GE 800	71.8	73.8	75.9	76.7	77.5	77.6	77.7	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.3	78.6
GE 700	73.0	75.2	77.8	78.7	79.8	79.9	80.2	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.7	81.1
GE 600	74.3	76.7	79.6	80.9	82.4	82.5	82.9	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.5	83.8
GE 500	75.1	77.8	81.1	82.9	85.1	85.3	85.9	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.9	87.3
GE 400	75.7	78.6	82.3	84.5	87.2	87.6	88.5	89.0	89.2	89.6	89.8	89.8	89.9	89.9	90.2	90.6
GE 300	75.7	78.7	82.6	85.0	88.3	88.7	90.0	90.7	91.1	92.0	92.7	92.8	93.0	93.1	93.4	94.0
GE 200	75.8	78.8	82.7	85.1	88.5	88.9	90.3	91.1	91.6	92.7	93.9	94.1	95.1	95.5	96.2	97.6
GE 100	75.8	78.8	82.7	85.1	88.5	88.9	90.4	91.2	91.6	92.8	94.0	94.2	95.3	95.9	97.1	99.7
GE 000	75.8	78.8	82.7	85.1	88.5	88.9	90.4	91.2	91.6	92.8	94.0	94.2	95.3	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	37.8	38.6	38.6	39.8	39.8	39.8	39.8	39.8	39.8	40.6	40.6	40.9	41.2	41.5	42.3
GE 20000	38.1	38.6	39.5	39.5	40.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.8	42.0	42.3	43.2
GE 18000	38.1	38.6	39.5	39.5	40.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.8	42.0	42.3	43.2
GE 16000	38.1	38.6	39.5	39.5	40.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.8	42.0	42.3	43.2
GE 14000	38.1	38.6	39.5	39.5	40.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.8	42.0	42.3	43.2
GE 12000	39.2	39.8	40.6	40.6	41.8	41.8	41.8	41.8	41.8	41.8	42.6	42.6	42.9	43.2	43.5	44.3
GE 10000	39.8	40.3	41.2	41.2	42.6	42.6	42.6	42.6	42.6	42.9	43.8	43.8	44.0	44.3	44.6	45.5
GE 9000	39.8	40.3	41.2	41.2	42.6	42.6	42.6	42.6	42.6	42.9	43.8	43.8	44.0	44.3	44.6	45.5
GE 8000	40.6	41.2	42.0	42.0	43.5	43.5	43.5	43.5	43.5	43.8	44.6	44.6	44.9	45.2	45.5	46.3
GE 7000	40.6	41.2	42.0	42.0	43.5	43.5	43.5	43.5	43.5	43.8	44.6	44.6	44.9	45.2	45.5	46.3
GE 6000	41.2	41.8	42.6	42.6	44.3	44.3	44.3	44.3	44.3	44.6	45.5	45.5	45.7	46.0	46.3	47.2
GE 5000	41.8	42.3	43.2	43.2	44.9	44.9	44.9	44.9	44.9	45.2	46.0	46.0	46.3	46.6	46.9	47.7
GE 4500	43.2	43.8	44.6	44.6	46.3	46.3	46.3	46.3	46.3	46.6	47.4	47.4	47.7	48.0	48.3	49.1
GE 4000	43.5	44.0	44.9	44.9	46.6	46.6	46.6	46.6	46.6	46.9	47.7	47.7	48.0	48.3	48.6	49.4
GE 3500	43.8	44.3	45.2	45.2	46.9	46.9	46.9	46.9	46.9	47.2	48.0	48.0	48.3	48.6	48.9	49.7
GE 3000	45.2	45.7	46.6	46.6	48.3	48.3	48.3	48.3	48.3	48.6	49.4	49.4	49.7	50.0	50.3	51.1
GE 2500	46.3	46.9	47.7	47.7	49.4	49.4	49.4	49.4	49.4	49.7	50.6	50.6	50.9	51.1	51.4	52.3
GE 2000	48.3	48.9	49.7	49.7	51.4	51.4	51.4	51.4	51.4	51.7	52.6	52.6	52.8	53.1	53.4	54.3
GE 1800	48.6	49.1	50.0	50.0	51.7	51.7	51.7	51.7	51.7	52.0	52.8	52.8	53.1	53.4	53.7	54.5
GE 1500	50.9	51.7	52.6	52.6	54.3	54.3	54.3	54.3	54.3	54.5	55.4	55.4	55.7	56.0	56.3	57.1
GE 1200	57.1	58.0	58.8	58.8	60.5	60.5	60.5	60.5	60.5	60.8	61.6	61.6	61.9	62.2	62.5	63.4
GE 1000	59.7	60.5	61.4	61.4	63.1	63.1	63.1	63.1	63.1	63.4	64.2	64.2	64.5	64.8	65.1	65.9
GE 900	61.6	62.5	63.4	63.4	65.1	65.1	65.1	65.1	65.1	65.3	66.2	66.2	66.5	66.8	67.0	67.9
GE 800	63.1	64.2	65.1	65.1	66.8	66.8	66.8	66.8	66.8	67.0	67.9	67.9	68.2	68.5	68.8	69.6
GE 700	65.3	66.8	68.2	68.2	69.9	69.9	69.9	69.9	69.9	70.2	71.0	71.0	71.3	71.6	71.9	72.7
GE 600	65.9	67.9	69.3	69.9	71.6	71.6	71.6	71.6	71.6	71.9	72.7	72.7	73.0	73.3	73.6	74.4
GE 500	67.0	69.3	71.0	73.6	75.6	75.6	75.6	75.6	75.6	75.9	76.7	76.7	77.0	77.3	77.6	78.4
GE 400	67.0	69.3	71.6	75.0	77.6	77.6	77.8	77.8	77.8	78.4	79.3	79.3	79.5	79.8	80.1	81.0
GE 300	67.0	69.3	71.6	75.3	78.4	78.7	79.0	79.8	79.8	80.4	81.8	81.8	82.4	82.7	83.0	84.9
GE 200	67.0	69.3	71.9	75.9	79.5	79.8	80.1	81.0	81.3	82.1	84.7	85.2	88.1	88.6	89.8	96.0
GE 100	67.0	69.3	71.9	75.9	79.5	79.8	80.1	81.0	81.3	82.1	84.7	85.2	88.4	88.9	90.3	99.4
GE 000	67.0	69.3	71.9	75.9	79.5	79.8	80.1	81.0	81.3	82.1	84.7	85.2	88.4	88.9	90.3	100.0

TOTAL NUMBER OF OBSERVATIONS 352

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBFR: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	41.9	42.1	42.5	43.6	43.6	43.7	43.7	43.7	43.9	44.3	44.3	44.6	45.4	45.7	47.0
GE 20000	42.6	42.8	43.0	43.4	44.5	44.5	44.6	44.6	44.6	44.8	45.2	45.2	45.6	46.3	46.6	47.9
GE 18000	42.6	42.8	43.0	43.4	44.5	44.5	44.6	44.6	44.6	44.8	45.2	45.2	45.6	46.3	46.6	47.9
GE 16000	42.6	42.8	43.0	43.4	44.5	44.5	44.6	44.6	44.6	44.8	45.2	45.2	45.6	46.3	46.6	47.9
GE 14000	42.6	42.8	43.0	43.4	44.5	44.5	44.6	44.6	44.6	44.8	45.2	45.2	45.6	46.3	46.6	47.9
GE 12000	43.4	43.6	43.7	44.1	45.2	45.2	45.4	45.4	45.4	45.6	45.9	45.9	46.3	47.0	47.4	48.6
GE 10000	44.8	45.0	45.2	45.6	46.6	46.6	46.8	46.8	46.8	47.2	47.5	47.5	47.9	48.6	49.0	50.3
GE 9000	44.8	45.0	45.2	45.6	46.6	46.6	46.8	46.8	46.8	47.2	47.5	47.5	47.9	48.6	49.0	50.3
GE 8000	45.2	45.4	45.6	45.9	47.0	47.0	47.2	47.2	47.2	47.5	47.9	47.9	48.3	49.0	49.4	50.6
GE 7000	45.2	45.4	45.6	45.9	47.0	47.0	47.2	47.2	47.2	47.5	47.9	47.9	48.3	49.0	49.4	50.6
GE 6000	45.9	46.1	46.3	46.6	47.7	47.7	47.9	47.9	47.9	48.3	48.6	48.6	49.0	49.7	50.1	51.4
GE 5000	46.6	46.8	47.0	47.4	48.5	48.5	48.6	48.6	48.6	49.0	49.4	49.4	49.7	50.5	50.8	52.1
GE 4500	47.2	47.4	47.5	47.9	49.0	49.0	49.2	49.2	49.2	49.5	49.9	49.9	50.3	51.0	51.4	52.6
GE 4000	47.5	47.7	47.9	48.3	49.4	49.4	49.5	49.5	49.5	49.9	50.3	50.3	50.6	51.4	51.7	53.0
GE 3500	47.7	47.9	48.1	48.5	49.5	49.5	49.7	49.7	49.7	50.1	50.5	50.5	50.8	51.5	51.9	53.2
GE 3000	47.7	47.9	48.1	48.5	49.5	49.5	49.7	49.7	49.7	50.1	50.5	50.5	50.8	51.5	51.9	53.2
GE 2500	50.1	50.3	50.5	50.8	51.9	51.9	52.1	52.1	52.1	52.5	53.0	53.0	53.4	54.1	54.4	55.7
GE 2000	51.9	52.1	52.5	52.8	53.9	53.9	54.1	54.1	54.1	54.4	55.0	55.0	55.4	56.1	56.4	57.7
GE 1800	52.1	52.3	52.6	53.0	54.1	54.1	54.3	54.3	54.3	54.6	55.2	55.2	55.5	56.3	56.6	57.9
GE 1500	54.6	54.8	55.2	56.3	57.4	57.4	57.5	57.5	57.5	57.9	58.4	58.4	58.8	59.5	59.9	61.2
GE 1200	57.0	57.2	57.7	59.0	60.1	60.1	60.3	60.3	60.3	60.6	61.2	61.2	61.5	62.3	62.6	63.9
GE 1000	59.0	59.2	59.7	61.0	62.1	62.1	62.3	62.3	62.3	62.6	63.2	63.2	63.5	64.2	64.6	66.2
GE 900	61.9	62.1	62.6	63.9	65.0	65.2	65.3	65.3	65.3	65.7	66.2	66.2	66.6	67.3	67.7	69.3
GE 800	62.6	63.0	63.5	64.8	65.9	66.1	66.2	66.2	66.2	66.6	67.2	67.2	67.5	68.2	68.6	70.2
GE 700	63.7	64.6	65.9	67.2	68.2	68.4	68.6	68.6	68.6	69.0	69.5	69.5	69.9	70.6	71.0	72.6
GE 600	64.6	65.5	66.8	68.2	69.5	69.7	70.6	70.6	70.6	71.0	71.5	71.5	71.9	72.6	73.0	74.6
GE 500	65.7	67.0	68.4	71.0	72.4	72.6	73.5	73.5	73.5	73.9	74.4	74.4	74.8	75.5	75.9	77.5
GE 400	66.4	68.1	69.7	72.6	74.6	74.8	75.9	76.0	76.0	76.6	77.5	77.5	77.9	78.6	78.9	80.6
GE 300	66.4	68.2	70.1	73.0	75.3	75.9	77.5	78.0	78.0	78.9	80.9	80.9	81.7	82.8	83.3	85.1
GE 200	66.6	68.4	70.2	73.3	75.7	76.2	78.6	79.1	79.1	80.4	83.3	83.7	86.4	87.7	88.9	93.8
GE 100	66.6	68.4	70.2	73.3	75.7	76.2	78.6	79.1	79.1	80.4	83.3	83.7	87.1	88.9	90.6	97.6
GE 000	66.6	68.4	70.2	73.3	75.7	76.2	78.6	79.1	79.1	80.4	83.3	83.7	87.1	89.1	90.7	100.0

TOTAL NUMBER OF OBSERVATIONS 551

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	41.1	42.0	42.3	42.8	42.8	43.0	43.1	43.1	43.6	43.9	43.9	44.4	44.7	44.9	46.7
GE 20000	42.2	42.9	43.8	44.2	44.9	44.9	45.1	45.2	45.2	45.7	46.1	46.1	46.6	46.9	47.2	49.0
GE 18000	42.4	43.1	44.0	44.4	45.1	45.1	45.3	45.4	45.4	45.9	46.2	46.2	46.8	47.1	47.4	49.2
GE 16000	42.4	43.1	44.0	44.4	45.1	45.1	45.3	45.4	45.4	45.9	46.2	46.2	46.8	47.1	47.4	49.2
GE 14000	42.5	43.2	44.1	44.6	45.3	45.3	45.5	45.6	45.6	46.1	46.4	46.4	47.0	47.3	47.6	49.7
GE 12000	43.7	44.3	45.3	45.8	46.4	46.4	46.6	46.7	46.7	47.2	47.6	47.6	48.1	48.4	48.7	50.8
GE 10000	44.5	45.2	46.1	46.6	47.4	47.4	47.6	47.7	47.7	48.1	48.5	48.5	49.1	49.4	49.7	51.8
GE 9000	44.5	45.3	46.3	46.9	47.7	47.7	47.9	48.0	48.0	48.4	48.8	48.8	49.4	49.7	50.0	52.0
GE 8000	44.7	45.5	46.5	47.1	47.9	47.9	48.0	48.1	48.1	48.6	49.0	49.0	49.6	49.9	50.1	52.2
GE 7000	45.0	45.8	46.8	47.4	48.1	48.1	48.3	48.4	48.4	48.9	49.3	49.3	49.9	50.1	50.4	52.5
GE 6000	45.4	46.1	47.2	47.8	48.5	48.5	48.7	48.8	48.8	49.3	49.7	49.7	50.2	50.5	50.8	52.9
GE 5000	46.1	46.8	48.0	48.5	49.3	49.3	49.6	49.7	49.7	50.1	50.5	50.5	51.1	51.4	51.7	53.8
GE 4500	46.3	47.1	48.2	48.8	49.6	49.6	49.9	50.0	50.0	50.4	50.8	50.8	51.4	51.7	52.0	54.0
GE 4000	47.2	48.0	49.1	49.7	50.4	50.4	50.7	50.8	50.8	51.3	51.7	51.7	52.2	52.5	52.8	54.9
GE 3500	47.8	48.5	49.7	50.2	51.0	51.0	51.3	51.4	51.4	51.9	52.2	52.2	52.8	53.1	53.4	55.5
GE 3000	48.1	48.9	50.2	50.9	51.7	51.7	52.0	52.0	52.0	52.5	52.9	52.9	53.5	53.8	54.0	56.1
GE 2500	50.0	50.7	52.1	52.9	53.7	53.7	53.9	54.0	54.0	54.5	55.0	55.0	55.6	55.9	56.1	58.2
GE 2000	51.2	52.0	53.8	54.6	55.5	55.5	55.9	55.9	56.4	56.9	57.5	57.5	58.0	58.3	58.6	60.1
GE 1800	51.7	52.5	54.2	55.1	56.0	56.0	56.4	56.5	56.5	57.0	57.5	57.5	58.0	58.3	58.6	60.7
GE 1500	53.0	54.1	55.9	56.8	57.8	57.8	58.1	58.2	58.2	58.8	59.3	59.3	59.8	60.1	60.4	62.5
GE 1200	54.8	56.2	58.6	59.8	60.9	60.9	61.3	61.4	61.4	61.9	62.4	62.4	63.0	63.3	63.6	65.7
GE 1000	55.7	57.4	59.8	61.2	62.2	62.2	62.6	62.7	62.7	63.3	63.7	63.8	64.5	64.8	65.1	67.2
GE 900	56.9	58.8	62.1	63.8	65.0	65.0	65.4	65.5	65.5	66.0	66.5	66.6	67.3	67.6	67.8	69.9
GE 800	57.1	59.4	63.2	65.1	66.5	66.5	66.9	67.0	67.0	67.6	68.1	68.2	68.9	69.2	69.5	71.6
GE 700	57.5	59.9	63.9	66.3	67.8	67.8	68.2	68.6	68.7	69.3	69.8	69.9	70.6	70.9	71.2	73.3
GE 600	57.7	60.1	64.4	67.5	69.3	69.3	69.8	70.3	70.5	71.4	71.9	72.0	72.8	73.1	73.4	75.5
GE 500	57.9	60.4	64.9	68.7	70.8	70.8	71.8	72.6	73.1	74.4	75.0	75.1	76.1	76.5	76.8	78.9
GE 400	58.3	61.0	65.6	69.4	71.7	71.9	73.5	74.4	75.1	76.9	77.8	77.9	79.1	79.4	79.7	81.8
GE 300	58.3	61.1	65.7	69.7	72.5	72.7	74.5	75.7	76.5	78.9	81.1	81.5	83.6	84.1	84.4	87.5
GE 200	58.3	61.1	65.7	69.7	72.6	72.8	74.7	76.2	77.0	79.4	82.0	82.9	85.8	86.8	87.6	93.1
GE 100	58.3	61.1	65.7	69.7	72.6	72.8	74.7	76.2	77.0	79.4	82.1	83.0	86.4	87.7	89.2	98.1
GE 000	58.3	61.1	65.7	69.7	72.6	72.8	74.7	76.2	77.0	79.4	82.1	83.0	86.4	87.8	89.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1051

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	51.9	54.7	56.8	58.7	58.9	59.0	59.2	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.7
GE 20000	54.8	56.2	59.3	61.4	63.8	64.1	64.2	64.5	64.5	64.8	64.9	64.9	64.9	64.9	64.9	65.0
GE 18000	55.0	56.5	59.5	61.7	64.1	64.4	64.5	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.2	65.3
GE 16000	55.0	56.5	59.5	61.7	64.1	64.4	64.5	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.2	65.3
GE 14000	55.2	56.8	59.8	61.9	64.3	64.7	64.8	65.0	65.0	65.3	65.4	65.4	65.5	65.5	65.5	65.6
GE 12000	56.3	57.8	60.9	63.0	65.4	65.7	65.8	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.6
GE 10000	56.9	58.4	61.5	63.8	66.2	66.5	66.6	66.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.4
GE 9000	57.0	58.8	61.9	64.2	66.6	67.0	67.1	67.3	67.3	67.6	67.7	67.7	67.8	67.8	67.8	67.9
GE 8000	57.6	59.4	62.5	64.9	67.3	67.6	67.7	68.0	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.5
GE 7000	57.8	59.8	62.9	65.2	67.6	68.0	68.1	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.9
GE 6000	58.0	60.0	63.1	65.4	67.8	68.1	68.2	68.5	68.5	68.8	68.9	68.9	69.0	69.0	69.0	69.0
GE 5000	58.6	60.6	63.8	66.1	68.6	69.0	69.0	69.3	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.8
GE 4500	59.6	61.6	64.8	67.1	69.6	69.9	70.0	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.8
GE 4000	60.9	62.8	66.0	68.3	70.8	71.2	71.3	71.5	71.5	71.8	71.9	71.9	72.0	72.0	72.0	72.1
GE 3500	61.1	63.1	66.3	68.6	71.1	71.4	71.6	71.9	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.4
GE 3000	62.3	64.3	67.5	70.1	72.6	73.0	73.1	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.9
GE 2500	63.2	65.2	68.5	71.1	73.6	73.9	74.1	74.4	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.9
GE 2000	64.0	66.1	69.5	72.1	74.6	74.9	75.1	75.4	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9
GE 1800	64.4	66.5	69.9	72.5	75.0	75.4	75.5	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.3
GE 1500	65.7	68.1	71.8	74.5	77.0	77.3	77.5	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.3
GE 1200	67.4	70.3	74.7	77.8	80.3	80.7	80.9	81.1	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.7
GE 1000	68.4	71.8	76.9	80.1	83.0	83.4	83.5	83.8	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.4
GE 900	68.7	72.3	77.9	81.6	84.6	85.1	85.4	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.4
GE 800	69.0	72.7	78.5	82.3	85.4	85.9	86.3	86.7	86.7	87.1	87.2	87.2	87.3	87.3	87.3	87.4
GE 700	69.1	73.0	78.9	83.0	86.4	87.0	87.5	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.7	88.8
GE 600	69.3	73.5	79.7	84.0	87.6	88.3	89.3	90.4	90.5	90.9	91.0	91.0	91.1	91.1	91.1	91.2
GE 500	69.5	73.7	80.1	84.4	88.9	89.6	91.0	92.3	92.8	93.5	93.7	93.7	93.8	93.8	93.8	93.9
GE 400	69.5	73.7	80.2	84.8	89.5	90.2	91.9	93.3	94.8	95.8	96.5	96.7	97.0	97.0	97.1	97.2
GE 300	69.5	73.7	80.2	84.8	89.5	90.4	92.4	93.9	95.3	96.5	97.7	97.9	98.5	98.5	98.6	98.8
GE 200	69.5	73.7	80.2	84.8	89.5	90.4	92.4	93.9	95.3	96.6	98.0	98.2	98.8	98.8	99.0	99.4
GE 100	69.5	73.7	80.2	84.8	89.5	90.4	92.4	93.9	95.3	96.6	98.0	98.2	98.8	98.9	99.2	99.8
GE 000	69.5	73.7	80.2	84.8	89.5	90.4	92.4	93.9	95.3	96.6	98.0	98.2	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1124

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.8	63.0	66.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 20000	68.0	70.4	73.8	75.0	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	68.6	71.1	74.5	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 16000	68.6	71.1	74.5	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	69.4	71.9	75.3	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 12000	70.1	72.5	75.9	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	71.4	73.9	77.4	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	71.6	74.1	77.5	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	72.2	74.8	78.3	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	72.3	74.9	78.4	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 6000	72.5	75.0	78.6	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	72.7	75.4	79.0	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500	73.1	75.8	79.4	80.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	74.5	77.3	80.8	82.1	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	75.1	77.9	81.5	82.7	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	76.3	79.1	82.6	83.9	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	76.7	79.6	83.2	84.4	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	77.5	80.3	83.9	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1800	77.8	80.7	84.2	85.5	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	78.6	81.9	85.6	86.8	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	79.8	83.2	87.0	88.2	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	81.4	85.1	88.9	90.2	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	81.6	85.3	89.3	90.6	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	81.6	85.4	89.8	91.4	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	82.1	85.9	90.6	92.5	93.6	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	82.9	86.9	91.8	94.1	95.5	95.8	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	83.0	87.0	92.0	94.9	96.9	97.1	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	83.0	87.0	92.2	95.3	97.4	97.7	98.5	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	83.1	87.1	92.3	95.4	97.6	97.9	98.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	83.1	87.1	92.3	95.4	97.6	97.9	98.7	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	83.1	87.1	92.3	95.4	97.6	97.9	98.7	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	83.1	87.1	92.3	95.4	97.6	97.9	98.7	99.3	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1122

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	56.0	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	63.4	64.1	65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	63.9	64.6	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	63.9	64.6	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	65.1	65.8	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	67.0	67.7	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	68.5	69.2	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	68.7	69.4	70.3	70.6	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	69.6	70.3	71.3	71.6	71.9	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	70.0	70.7	71.7	72.0	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	70.0	70.7	71.7	72.0	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	70.6	71.3	72.3	72.6	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	71.0	71.7	72.7	73.0	73.5	73.5	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	71.7	72.4	73.4	73.7	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	72.5	73.2	74.2	74.5	75.1	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	73.1	73.8	74.8	75.2	75.7	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	73.6	74.3	75.4	75.7	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2000	74.1	74.8	75.9	76.2	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1800	74.2	74.9	76.0	76.3	76.8	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	76.4	77.1	78.1	78.4	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1200	77.5	78.2	79.2	79.5	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1000	79.0	79.8	80.9	81.2	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 900	80.5	81.6	83.1	83.4	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 800	81.0	82.5	84.3	85.1	85.8	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	82.1	84.0	86.2	87.1	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 600	83.3	85.4	87.9	89.0	90.2	90.2	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 500	84.4	86.5	89.4	90.8	92.5	92.5	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	85.1	87.4	90.5	92.1	94.5	94.5	94.9	95.5	95.5	96.2	96.4	96.4	96.6	96.6	96.6	96.6
GE 300	85.3	87.6	90.7	92.3	94.8	94.8	95.3	96.0	96.0	97.3	98.0	98.0	98.3	98.5	98.5	98.5
GE 200	85.4	87.7	90.8	92.4	94.9	94.9	95.4	96.1	96.1	97.6	98.6	98.6	99.2	99.6	99.8	99.8
GE 100	85.4	87.7	90.8	92.4	94.9	94.9	95.4	96.1	96.1	97.6	98.6	98.6	99.2	99.7	100.0	100.0
GE 000	85.4	87.7	90.8	92.4	94.9	94.9	95.4	96.1	96.1	97.6	98.6	98.6	99.2	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 998

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.6	53.7	53.8	53.9	54.1	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	56.0	56.7	57.1	57.3	57.4	57.5	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	56.6	57.3	57.7	57.9	58.0	58.1	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	56.6	57.3	57.7	57.9	58.0	58.1	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	57.5	58.3	58.6	58.9	59.0	59.1	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	59.1	59.8	60.2	60.4	60.5	60.6	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
GE 10000	60.5	61.2	61.6	61.8	62.0	62.1	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	60.8	61.5	61.8	62.1	62.2	62.3	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	61.6	62.3	62.8	63.0	63.2	63.3	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	61.7	62.4	62.9	63.2	63.3	63.6	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	61.7	62.4	62.9	63.2	63.3	63.6	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 5000	62.2	62.9	63.4	63.6	63.8	64.1	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	62.3	63.0	63.5	63.8	63.9	64.2	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	63.3	64.0	64.5	64.7	64.8	65.2	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 3500	63.3	64.0	64.5	64.7	64.8	65.2	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 3000	63.6	64.4	64.8	65.1	65.2	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 2500	64.4	65.1	65.6	65.8	65.9	66.3	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 2000	65.4	66.3	66.7	67.0	67.1	67.5	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1
GE 1800	66.0	66.9	67.3	67.6	67.7	68.1	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 1500	68.3	69.1	69.7	70.0	70.1	70.5	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1
GE 1200	71.3	72.1	72.7	73.0	73.1	73.4	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 1000	73.1	73.9	74.6	74.9	75.0	75.4	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
GE 900	74.2	75.1	76.3	76.6	76.7	77.0	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 800	75.8	77.3	79.2	79.5	79.7	80.0	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 700	77.4	79.3	81.7	82.5	82.7	83.0	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
GE 600	78.0	80.0	83.5	84.4	84.9	85.3	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 500	79.1	81.3	85.0	86.5	87.7	88.0	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 400	79.2	81.9	86.0	87.9	89.6	90.0	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 300	79.2	81.9	86.2	88.5	90.6	91.0	92.1	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9
GE 200	79.2	81.9	86.2	88.6	90.9	91.4	92.6	92.9	93.1	93.4	94.1	94.1	95.3	95.5	95.9	97.4
GE 100	79.2	81.9	86.2	88.6	90.9	91.4	92.6	92.9	93.1	93.4	94.1	94.1	95.8	96.1	97.1	99.3
GE 000	79.2	81.9	86.2	88.6	90.9	91.4	92.6	92.9	93.1	93.4	94.1	94.1	95.8	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 836

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	51.5	51.5	51.6	51.8	51.8	52.1	52.1	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.5
GE 20000	53.0	53.3	53.3	53.5	53.6	53.6	53.9	53.9	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.4
GE 18000	53.1	53.5	53.5	53.6	53.8	53.8	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.5
GE 16000	53.1	53.5	53.5	53.6	53.8	53.8	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.5
GE 14000	53.1	53.5	53.5	53.6	53.8	53.8	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.5
GE 12000	54.2	54.5	54.5	54.7	54.8	54.8	55.1	55.1	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.6
GE 10000	55.6	55.9	55.9	56.1	56.2	56.2	56.5	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	57.1
GE 9000	55.9	56.2	56.2	56.4	56.5	56.5	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.5
GE 8000	57.0	57.3	57.3	57.5	57.6	57.6	57.9	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.5
GE 7000	57.8	58.1	58.1	58.2	58.4	58.4	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.3
GE 6000	58.2	58.5	58.5	58.7	59.0	59.0	59.4	59.4	59.4	59.4	59.8	59.8	59.8	59.8	59.8	60.1
GE 5000	58.7	59.0	59.0	59.1	59.4	59.4	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.5
GE 4500	58.8	59.1	59.1	59.3	59.6	59.6	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.7
GE 4000	59.8	60.1	60.1	60.2	60.5	60.5	61.0	61.0	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.8
GE 3500	60.2	60.5	60.5	60.7	61.0	61.0	61.4	61.4	61.4	61.4	61.8	61.9	61.9	61.9	61.9	62.2
GE 3000	61.1	61.4	61.4	61.6	61.9	61.9	62.4	62.4	62.4	62.4	62.7	62.8	62.8	62.8	62.8	63.1
GE 2500	62.8	63.1	63.1	63.3	63.6	63.6	64.1	64.1	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.8
GE 2000	64.5	64.8	65.0	65.1	65.4	65.4	65.9	65.9	65.9	65.9	66.2	66.4	66.4	66.4	66.4	66.7
GE 1800	64.5	64.8	65.0	65.1	65.4	65.4	65.9	65.9	65.9	65.9	66.2	66.4	66.4	66.4	66.4	66.7
GE 1500	66.2	66.5	66.7	66.8	67.1	67.1	67.6	67.6	67.6	67.6	67.9	68.0	68.0	68.0	68.0	68.4
GE 1200	69.3	69.7	70.4	70.5	70.8	70.8	71.4	71.4	71.4	71.4	71.7	71.9	71.9	71.9	71.9	72.2
GE 1000	70.2	70.7	71.3	71.4	71.7	71.7	72.4	72.4	72.4	72.4	72.7	72.8	72.8	72.8	72.8	73.1
GE 900	71.9	72.4	73.0	73.1	73.4	73.4	74.0	74.0	74.0	74.0	74.3	74.5	74.5	74.5	74.5	74.8
GE 800	72.8	73.9	74.5	74.7	75.0	75.0	75.6	75.6	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.3
GE 700	74.2	75.7	76.5	76.7	77.1	77.1	77.7	77.7	77.7	77.7	78.0	78.2	78.2	78.2	78.2	78.5
GE 600	75.4	77.3	78.0	78.3	78.8	78.8	79.4	79.4	79.4	79.4	79.7	79.9	79.9	79.9	79.9	80.2
GE 500	76.0	78.0	79.3	80.5	82.0	82.0	82.8	82.8	82.8	82.8	83.1	83.3	83.3	83.3	83.3	83.6
GE 400	76.8	79.1	80.5	82.3	84.5	84.5	85.3	85.4	85.4	85.4	85.7	85.9	85.9	85.9	85.9	86.2
GE 300	77.1	79.6	81.4	83.3	86.5	86.5	88.3	88.5	88.5	88.5	88.9	89.1	89.1	89.1	89.1	89.6
GE 200	77.1	79.6	81.4	83.3	86.6	86.6	88.5	88.6	88.8	89.2	90.3	90.6	91.7	91.9	92.2	96.0
GE 100	77.1	79.6	81.4	83.3	86.6	86.6	88.5	88.6	88.8	89.2	90.5	90.8	92.3	92.5	93.7	98.9
GE 000	77.1	79.6	81.4	83.3	86.6	86.6	88.5	88.6	88.8	89.2	90.5	90.8	92.3	92.5	93.7	100.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	51.3	52.7	53.3	54.0	54.0	54.2	54.2	54.2	54.4	54.5	54.5	54.7	54.8	54.9	55.3
GE 20000	54.4	55.4	56.9	57.6	58.4	58.5	58.7	58.7	58.7	58.9	59.1	59.1	59.2	59.3	59.4	59.9
GE 18000	54.7	55.8	57.2	58.0	58.8	58.9	59.0	59.1	59.1	59.3	59.4	59.4	59.6	59.7	59.8	60.3
GE 16000	54.7	55.8	57.2	58.0	58.8	58.9	59.0	59.1	59.1	59.3	59.4	59.4	59.6	59.7	59.8	60.3
GE 14000	55.2	56.3	57.8	58.5	59.3	59.4	59.5	59.6	59.6	59.8	60.0	60.0	60.1	60.2	60.3	60.8
GE 12000	56.4	57.5	58.9	59.7	60.5	60.6	60.7	60.8	60.8	60.9	61.1	61.1	61.3	61.4	61.5	62.0
GE 10000	57.5	58.6	60.1	60.9	61.7	61.8	61.9	62.0	62.0	62.2	62.4	62.4	62.5	62.6	62.7	63.3
GE 9000	57.7	58.8	60.3	61.1	61.9	62.0	62.2	62.2	62.2	62.4	62.6	62.6	62.8	62.9	63.0	63.5
GE 8000	58.3	59.5	61.0	61.8	62.7	62.8	62.9	63.0	63.0	63.2	63.4	63.4	63.5	63.6	63.7	64.2
GE 7000	58.6	59.7	61.3	62.1	62.9	63.1	63.2	63.3	63.3	63.5	63.7	63.7	63.8	63.9	64.0	64.6
GE 6000	58.8	60.0	61.6	62.4	63.2	63.4	63.5	63.6	63.6	63.8	64.0	64.0	64.1	64.2	64.3	64.9
GE 5000	59.4	60.6	62.1	62.9	63.9	64.0	64.2	64.2	64.2	64.4	64.6	64.6	64.8	64.9	65.0	65.5
GE 4500	59.9	61.0	62.6	63.4	64.4	64.5	64.7	64.7	64.7	64.9	65.1	65.1	65.3	65.4	65.5	66.0
GE 4000	60.8	62.0	63.6	64.4	65.3	65.4	65.6	65.7	65.7	65.9	66.1	66.1	66.2	66.4	66.4	67.0
GE 3500	61.2	62.4	64.0	64.8	65.7	65.8	66.1	66.1	66.1	66.3	66.5	66.5	66.7	66.8	66.9	67.4
GE 3000	62.0	63.2	64.8	65.7	66.6	66.7	66.9	67.0	67.0	67.2	67.4	67.4	67.5	67.7	67.7	68.3
GE 2500	63.1	64.3	65.9	66.8	67.7	67.9	68.1	68.2	68.2	68.3	68.6	68.6	68.7	68.9	68.9	69.5
GE 2000	64.2	65.4	67.2	68.0	69.0	69.1	69.3	69.4	69.4	69.6	69.8	69.8	70.0	70.1	70.2	70.7
GE 1800	64.5	65.7	67.5	68.4	69.3	69.4	69.7	69.8	69.8	69.9	70.2	70.2	70.3	70.5	70.5	71.1
GE 1500	66.1	67.6	69.4	70.4	71.3	71.4	71.7	71.8	71.8	72.0	72.2	72.2	72.4	72.5	72.6	73.1
GE 1200	68.3	69.9	72.0	73.1	74.1	74.2	74.5	74.5	74.5	74.7	75.0	75.0	75.1	75.3	75.3	75.9
GE 1000	69.7	71.5	73.8	74.9	76.0	76.1	76.3	76.4	76.4	76.6	76.9	76.9	77.1	77.2	77.3	77.8
GE 900	70.8	72.7	75.4	76.7	77.8	77.9	78.2	78.3	78.3	78.5	78.8	78.8	79.0	79.1	79.2	79.7
GE 800	71.4	73.6	76.6	78.1	79.3	79.4	79.7	79.8	79.8	80.1	80.3	80.3	80.5	80.6	80.7	81.3
GE 700	72.3	74.8	78.1	79.8	81.2	81.4	81.7	81.9	81.9	82.2	82.4	82.4	82.6	82.7	82.8	83.4
GE 600	73.0	75.6	79.3	81.3	82.9	83.1	83.7	84.0	84.1	84.4	84.6	84.7	84.8	85.0	85.0	85.6
GE 500	73.6	76.3	80.2	82.9	85.0	85.3	86.0	86.5	86.7	87.1	87.4	87.4	87.6	87.7	87.8	88.4
GE 400	73.9	76.8	80.9	83.8	86.4	86.7	87.7	88.3	88.7	89.3	89.8	89.9	90.2	90.3	90.4	91.0
GE 300	73.9	76.9	81.1	84.2	87.1	87.4	88.7	89.5	89.9	90.8	91.8	91.9	92.5	92.7	92.8	93.7
GE 200	74.0	77.0	81.1	84.2	87.2	87.6	89.0	89.8	90.3	91.4	92.7	93.0	94.3	94.7	95.1	97.3
GE 100	74.0	77.0	81.1	84.2	87.2	87.6	89.0	89.8	90.3	91.4	92.8	93.0	94.6	95.1	95.9	99.3
GE 000	74.0	77.0	81.1	84.2	87.2	87.6	89.0	89.8	90.3	91.4	92.8	93.0	94.6	95.2	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6685

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.5
GE 20000	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3
GE 18000	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.9
GE 16000	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.9
GE 14000	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.2
GE 12000	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.2
GE 10000	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.9
GE 9000	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.9
GE 8000	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.7
GE 7000	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	74.0
GE 6000	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	75.2
GE 5000	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.8
GE 4500	75.2	75.2	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.5
GE 4000	75.8	75.8	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4
GE 3500	76.1	76.1	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.7
GE 3000	79.2	79.2	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.7
GE 2500	80.7	80.7	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.3
GE 2000	83.5	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.0
GE 1800	83.5	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.0
GE 1500	84.7	84.7	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.2
GE 1200	85.9	85.9	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.5
GE 1000	86.2	86.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.1
GE 900	86.2	86.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.1
GE 800	86.2	86.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.1
GE 700	86.2	86.2	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.7
GE 600	87.2	87.5	89.0	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.5
GE 500	87.5	88.1	89.9	90.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.7
GE 400	87.8	88.4	90.5	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.4
GE 300	87.8	88.4	90.8	91.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	94.8
GE 200	87.8	88.4	90.8	91.7	93.0	93.3	93.3	93.3	93.3	93.3	93.9	94.2	94.2	94.5	94.5	98.5
GE 100	87.8	88.4	90.8	91.7	93.0	93.3	93.3	93.6	93.6	94.2	94.5	94.5	94.8	94.8	95.4	100.0
GE 000	87.8	88.4	90.8	91.7	93.0	93.3	93.3	93.6	93.6	94.2	94.5	94.5	94.8	94.8	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 327

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	60.8	61.0	61.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.4
GE 20000	63.1	63.8	64.3	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.7
GE 18000	63.3	64.0	64.5	64.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.9
GE 16000	63.3	64.0	64.5	64.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.9
GE 14000	63.8	64.5	65.0	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.4
GE 12000	63.8	64.5	65.0	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.4
GE 10000	68.4	69.1	69.6	69.6	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	71.0
GE 9000	68.7	69.4	69.8	69.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.2
GE 8000	70.1	70.8	71.2	71.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.6
GE 7000	71.5	72.2	72.6	72.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.0
GE 6000	72.9	73.5	74.0	74.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.4
GE 5000	74.0	74.7	75.2	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.6
GE 4500	74.7	75.4	75.9	76.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.5
GE 4000	75.6	76.3	77.0	77.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.7
GE 3500	76.6	77.3	78.0	78.2	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.6
GE 3000	77.7	78.4	79.1	79.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	81.0
GE 2500	79.8	80.5	81.2	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.1
GE 2000	81.7	82.4	83.1	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	85.2
GE 1800	81.9	82.6	83.3	83.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.6
GE 1500	83.3	84.2	85.2	85.6	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.5
GE 1200	83.5	84.5	85.4	85.8	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.7
GE 1000	84.5	85.4	86.3	86.8	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.6
GE 900	84.9	85.8	86.8	87.2	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	89.1
GE 800	85.4	86.3	87.2	87.7	88.9	88.9	88.9	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.8
GE 700	85.4	86.3	87.2	87.7	88.9	88.9	88.9	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.8
GE 600	85.4	86.5	87.5	88.2	89.8	89.8	90.0	90.0	90.0	90.0	90.5	90.5	90.7	90.7	90.7	91.2
GE 500	85.4	86.5	88.2	88.9	90.5	90.5	90.7	91.0	91.0	91.0	91.4	91.4	91.6	91.6	91.6	92.1
GE 400	85.4	86.5	88.4	89.1	91.0	91.0	91.2	91.4	91.4	91.9	92.3	92.3	92.6	92.6	92.6	93.0
GE 300	85.4	86.5	88.4	89.1	91.0	91.0	91.4	91.6	91.6	92.6	93.0	93.0	93.3	93.3	93.3	94.2
GE 200	85.4	86.5	88.4	89.1	91.0	91.0	91.4	91.9	91.9	92.8	93.3	93.3	93.7	94.4	94.7	97.4
GE 100	85.4	86.5	88.4	89.1	91.0	91.0	91.4	91.9	91.9	92.8	93.3	93.3	93.7	94.4	95.1	99.3
GE 000	85.4	86.5	88.4	89.1	91.0	91.0	91.4	91.9	91.9	92.8	93.3	93.3	93.7	94.4	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.5	54.0	55.3	56.0	57.0	57.1	57.1	57.4	57.4	57.4	57.5	57.5	58.0	58.1	58.1	59.0
GE 20000	57.6	59.1	60.5	61.4	62.7	62.8	62.8	63.0	63.0	63.2	63.3	63.3	63.8	63.9	63.9	64.9
GE 18000	58.3	59.8	61.2	62.0	63.3	63.4	63.4	63.7	63.7	63.8	63.9	63.9	64.4	64.5	64.5	65.5
GE 16000	58.3	59.8	61.2	62.0	63.3	63.4	63.4	63.7	63.7	63.8	63.9	63.9	64.4	64.5	64.5	65.5
GE 14000	59.3	60.8	62.2	63.0	64.3	64.4	64.7	64.9	64.9	65.0	65.2	65.2	65.7	65.8	65.8	66.8
GE 12000	60.3	61.8	63.3	64.2	65.4	65.5	65.8	66.0	66.0	66.2	66.3	66.3	66.8	66.9	66.9	67.9
GE 10000	62.7	64.2	65.7	66.5	68.0	68.3	68.5	68.8	68.8	69.2	69.3	69.3	69.8	69.9	70.1	71.1
GE 9000	62.9	64.4	65.9	66.8	68.3	68.5	68.8	69.0	69.0	69.4	69.5	69.5	70.1	70.2	70.3	71.3
GE 8000	63.8	65.3	66.8	67.7	69.2	69.4	69.7	69.9	69.9	70.3	70.4	70.4	70.9	71.1	71.2	72.2
GE 7000	64.7	66.3	67.8	68.7	70.2	70.4	70.7	70.9	70.9	71.3	71.4	71.4	71.9	72.1	72.2	73.2
GE 6000	65.2	66.8	68.4	69.3	70.8	71.1	71.3	71.6	71.6	71.9	72.1	72.1	72.6	72.7	72.8	73.8
GE 5000	68.0	69.7	71.3	72.2	73.7	73.9	74.2	74.4	74.4	74.8	74.9	74.9	75.4	75.6	75.7	76.7
GE 4500	68.7	70.3	71.9	72.8	74.3	74.6	74.8	75.1	75.1	75.4	75.6	75.6	76.1	76.2	76.3	77.3
GE 4000	70.7	72.3	73.9	74.8	76.3	76.6	76.8	77.1	77.1	77.4	77.6	77.6	78.1	78.2	78.3	79.3
GE 3500	71.8	73.4	75.1	75.9	77.4	77.7	77.9	78.2	78.2	78.6	78.7	78.7	79.2	79.3	79.4	80.5
GE 3000	73.4	75.2	76.9	77.8	79.4	79.7	80.1	80.3	80.3	80.7	80.8	80.8	81.3	81.5	81.6	82.6
GE 2500	75.4	77.3	79.1	79.9	82.2	82.5	82.8	83.1	83.1	83.5	83.6	83.6	84.1	84.2	84.3	85.3
GE 2000	76.4	78.3	80.3	81.2	83.6	83.8	84.2	84.6	84.6	85.0	85.1	85.1	85.6	85.7	85.8	86.8
GE 1800	76.7	78.6	80.6	81.5	83.8	84.1	84.5	84.8	84.8	85.2	85.3	85.3	85.8	86.0	86.1	87.1
GE 1500	77.7	79.6	81.7	82.6	85.2	85.5	85.8	86.2	86.2	86.6	86.7	86.7	87.2	87.3	87.5	88.5
GE 1200	77.8	79.7	82.3	83.2	86.0	86.3	86.7	87.1	87.1	87.5	87.6	87.6	88.1	88.2	88.3	89.3
GE 1000	78.3	80.3	83.1	84.3	87.1	87.5	87.8	88.2	88.2	88.6	88.7	88.7	89.2	89.3	89.5	90.5
GE 900	78.4	80.5	83.2	84.7	87.6	88.0	88.3	88.7	88.7	89.2	89.5	89.5	90.0	90.1	90.2	91.2
GE 800	78.7	80.7	83.5	85.0	87.8	88.2	88.6	89.0	89.0	89.5	89.7	89.7	90.2	90.4	90.5	91.5
GE 700	78.9	81.0	83.7	85.2	88.2	88.6	89.0	89.5	89.5	90.0	90.4	90.4	90.9	91.0	91.1	92.1
GE 600	78.9	81.1	84.0	85.5	88.7	89.1	89.6	90.2	90.2	90.7	91.2	91.2	91.7	91.9	92.0	93.0
GE 500	78.9	81.2	84.2	85.7	89.0	89.3	90.0	90.6	90.6	91.1	91.6	91.6	92.1	92.2	92.4	93.4
GE 400	79.1	81.3	84.3	85.8	89.2	89.6	90.2	91.0	91.0	91.6	92.1	92.1	92.6	92.7	92.9	94.0
GE 300	79.1	81.3	84.3	85.8	89.2	89.6	90.2	91.1	91.1	91.7	92.2	92.4	92.9	93.0	93.1	94.6
GE 200	79.1	81.3	84.3	85.8	89.3	89.7	90.5	91.5	91.5	92.5	93.0	93.1	93.6	93.7	94.0	96.9
GE 100	79.1	81.3	84.3	85.8	89.3	89.7	90.5	91.5	91.5	92.5	93.1	93.2	93.7	93.9	94.5	98.7
GE 000	79.1	81.3	84.3	85.8	89.3	89.7	90.5	91.5	91.5	92.5	93.1	93.2	93.7	93.9	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	56.2	58.6	59.5	60.3	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9
GE 20000	60.6	62.2	64.7	65.5	66.3	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0
GE 18000	61.3	62.9	65.3	66.2	67.0	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7
GE 16000	61.3	62.9	65.3	66.2	67.0	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7
GE 14000	62.7	64.4	66.8	67.7	68.5	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2
GE 12000	64.1	65.7	68.2	69.1	69.9	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6
GE 10000	66.5	68.3	70.9	72.0	73.0	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7
GE 9000	66.8	68.6	71.2	72.3	73.3	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0
GE 8000	68.3	70.1	72.7	73.8	74.8	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4
GE 7000	69.2	71.0	73.8	74.9	75.8	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5
GE 6000	69.5	71.3	74.1	75.1	76.1	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8
GE 5000	71.6	73.4	76.1	77.2	78.3	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0
GE 4500	72.1	74.0	76.8	78.0	79.1	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8
GE 4000	73.8	75.6	78.5	79.7	80.9	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6
GE 3500	76.5	78.4	81.4	82.7	83.9	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.6
GE 3000	79.1	81.2	84.4	85.6	86.8	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5
GE 2500	80.2	82.3	85.5	87.2	88.5	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4
GE 2000	80.9	83.0	86.2	87.9	89.3	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2
GE 1800	81.2	83.3	86.5	88.2	89.7	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6
GE 1500	81.8	84.1	87.3	89.0	90.6	91.0	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7
GE 1200	82.8	85.1	89.1	90.9	92.9	93.3	93.7	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1
GE 1000	82.9	85.3	89.4	91.2	93.2	93.6	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4
GE 900	82.9	85.3	89.6	91.5	93.5	94.0	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 800	82.9	85.4	89.7	91.6	93.6	94.1	94.5	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.1
GE 700	82.9	85.4	89.8	91.7	93.7	94.2	94.6	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2
GE 600	82.9	85.4	89.9	91.8	93.8	94.3	94.7	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.5	95.5
GE 500	82.9	85.4	89.9	91.8	94.0	94.5	95.0	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.9	95.9
GE 400	82.9	85.4	90.0	91.9	94.1	94.6	95.1	95.7	96.0	96.2	96.4	96.4	96.4	96.4	96.5	96.5
GE 300	82.9	85.4	90.0	91.9	94.2	94.7	95.2	95.8	96.2	96.6	97.0	97.0	97.1	97.1	97.3	97.3
GE 200	82.9	85.4	90.0	91.9	94.2	94.7	95.3	95.9	96.3	96.7	97.2	97.4	97.7	97.9	98.2	98.9
GE 100	82.9	85.4	90.0	91.9	94.2	94.7	95.3	95.9	96.3	96.7	97.2	97.4	97.8	98.0	98.5	99.8
GE 000	82.9	85.4	90.0	91.9	94.2	94.7	95.3	95.9	96.3	96.7	97.2	97.4	97.8	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1010

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	60.9	61.8	62.5	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	69.5	70.4	71.5	72.5	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	70.1	71.0	72.1	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	70.2	71.1	72.2	73.2	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	71.0	71.9	73.0	74.0	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 12000	73.4	74.3	75.4	76.4	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	75.5	76.4	77.5	78.5	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	75.6	76.5	77.6	78.6	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	77.5	78.4	79.5	80.5	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	78.6	79.5	80.6	81.5	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	79.7	80.6	81.6	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	81.0	81.8	82.9	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4500	82.0	83.1	84.3	85.4	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	83.4	84.5	85.7	86.9	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	86.1	87.3	88.5	89.7	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	87.8	89.0	90.2	91.5	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	88.5	89.8	91.0	92.4	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	89.1	90.5	91.7	93.4	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	89.1	90.5	91.7	93.4	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	89.9	91.8	93.2	94.9	95.6	95.6	95.6	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	90.7	92.7	94.2	96.0	96.9	97.0	97.0	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	90.9	93.0	94.5	96.4	97.3	97.4	97.5	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	90.9	93.1	94.6	96.5	97.5	97.6	97.7	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	90.9	93.1	94.6	96.5	97.5	97.6	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	91.0	93.3	94.8	96.7	97.7	97.8	98.0	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	91.0	93.3	94.8	96.7	97.8	97.9	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	91.1	93.4	95.0	96.9	98.0	98.1	98.3	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	91.1	93.4	95.0	96.9	98.0	98.2	98.4	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	91.1	93.4	95.0	96.9	98.0	98.2	98.4	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.1	93.4	95.0	96.9	98.0	98.2	98.4	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	91.1	93.4	95.0	96.9	98.0	98.2	98.4	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	91.1	93.4	95.0	96.9	98.0	98.2	98.4	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1008

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	59.2	60.4	60.5	60.6	60.6	60.6	60.6	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	69.0	69.7	71.1	71.2	71.3	71.3	71.3	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	69.8	70.6	71.9	72.0	72.1	72.1	72.1	72.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	70.0	70.8	72.1	72.2	72.3	72.3	72.3	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	70.6	71.3	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 12000	72.3	73.2	74.9	75.0	75.1	75.1	75.1	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	74.9	75.8	77.5	77.6	77.7	77.7	77.7	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	75.1	76.0	77.7	77.8	77.9	77.9	77.9	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	76.2	77.2	78.9	79.0	79.1	79.1	79.1	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	76.9	77.8	79.5	79.6	79.7	79.7	79.7	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	77.8	78.8	80.4	80.5	80.7	80.7	80.7	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	79.7	80.7	82.3	82.4	82.5	82.5	82.5	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	80.4	81.5	83.2	83.3	83.4	83.4	83.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	81.5	82.5	84.2	84.3	84.4	84.4	84.4	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	82.8	83.8	85.6	85.7	85.8	85.8	85.9	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	84.5	85.9	87.8	88.0	88.1	88.1	88.2	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	85.5	86.9	88.9	89.3	89.5	89.5	89.6	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	87.0	88.3	90.3	90.7	91.2	91.2	91.3	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	87.2	88.5	90.5	91.0	91.4	91.4	91.5	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	87.6	89.1	91.4	91.8	92.2	92.2	92.4	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	88.1	89.6	91.9	92.5	93.0	93.0	93.3	93.5	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
GE 1000	88.6	90.1	92.4	93.1	93.5	93.5	93.8	94.0	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 900	89.9	91.4	93.7	94.4	94.8	94.8	95.2	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0
GE 800	90.4	91.9	94.2	95.0	95.4	95.4	95.8	96.0	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7
GE 700	90.9	92.3	94.6	95.5	95.9	95.9	96.4	96.6	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 600	90.9	92.3	94.7	95.6	96.0	96.0	96.5	96.7	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	91.1	92.5	95.0	95.9	96.3	96.3	96.8	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 400	91.2	92.6	95.1	96.0	96.5	96.5	97.3	97.5	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	91.3	92.7	95.3	96.3	97.0	97.0	97.7	98.0	98.2	98.9	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	91.3	92.7	95.3	96.3	97.0	97.0	97.7	98.0	98.2	99.1	99.4	99.4	99.5	99.5	99.7	99.7
GE 100	91.3	92.7	95.3	96.3	97.0	97.0	97.7	98.0	98.2	99.1	99.4	99.4	99.5	99.5	99.8	100.0
GE 000	91.3	92.7	95.3	96.3	97.0	97.0	97.7	98.0	98.2	99.1	99.4	99.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 951

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT OFT/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	62.4	62.5	62.5	63.2	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.9	63.9	64.1	64.2
GE 20000	66.4	67.0	67.1	67.1	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.7	68.8
GE 18000	67.4	68.0	68.2	68.2	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.7	69.8
GE 16000	67.6	68.3	68.4	68.4	69.0	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.9	70.1
GE 14000	68.5	69.2	69.3	69.3	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.7	70.7	70.8	71.0
GE 12000	69.3	70.1	70.3	70.3	71.0	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.8	72.0
GE 10000	72.5	73.2	73.5	73.5	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.0	75.2
GE 9000	72.9	73.6	73.9	73.9	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.4	75.5
GE 8000	74.1	74.9	75.2	75.2	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.7	76.8
GE 7000	74.8	75.7	75.9	76.1	76.7	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.6	77.7
GE 6000	75.4	76.3	76.7	76.8	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.3	78.5
GE 5000	78.0	78.9	79.4	79.5	80.1	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.9	80.9	81.0	81.1
GE 4500	78.5	79.4	79.9	80.0	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.5	81.7
GE 4000	79.9	80.9	81.4	81.5	82.2	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.1	83.2
GE 3500	80.8	81.9	82.4	82.5	83.2	83.6	83.6	83.7	83.7	83.7	83.7	83.7	84.1	84.1	84.2	84.3
GE 3000	82.3	83.7	84.2	84.3	85.0	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.9	85.9	86.0	86.1
GE 2500	83.4	85.0	85.9	86.1	87.0	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.9	87.9	88.0	88.2
GE 2000	84.3	85.9	86.9	87.1	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.9	88.9	89.0	89.2
GE 1800	84.7	86.2	87.3	87.5	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.3	89.3	89.4	89.6
GE 1500	85.6	87.1	88.2	88.4	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.3	90.3	90.4	90.6
GE 1200	86.6	88.2	89.2	89.8	90.8	91.2	91.2	91.3	91.3	91.5	91.5	91.5	92.0	92.0	92.1	92.2
GE 1000	87.0	88.5	89.6	90.2	91.2	91.6	91.6	91.7	91.7	91.8	91.8	91.8	92.4	92.4	92.5	92.6
GE 900	87.5	89.0	90.1	90.8	91.8	92.2	92.2	92.4	92.4	92.5	92.5	92.5	93.0	93.0	93.1	93.2
GE 800	88.0	89.8	90.8	91.6	92.6	93.1	93.1	93.2	93.2	93.4	93.4	93.4	93.9	93.9	94.0	94.1
GE 700	89.0	91.2	92.2	93.0	94.0	94.5	94.6	94.8	94.8	95.0	95.0	95.0	95.5	95.5	95.7	95.8
GE 600	89.4	91.5	92.5	93.4	94.4	94.8	95.0	95.2	95.2	95.4	95.4	95.4	95.9	95.9	96.1	96.2
GE 500	90.2	92.2	93.2	94.3	95.3	95.8	95.9	96.1	96.1	96.3	96.3	96.3	96.8	96.8	96.9	97.1
GE 400	90.2	92.2	93.2	94.3	95.5	96.1	96.2	96.4	96.4	96.7	96.7	96.7	97.2	97.2	97.3	97.5
GE 300	90.2	92.4	93.4	94.4	95.7	96.2	96.3	96.6	96.6	97.1	97.6	97.6	98.1	98.1	98.2	98.3
GE 200	90.2	92.4	93.4	94.4	95.8	96.3	96.4	96.7	96.7	97.2	97.8	97.8	98.6	98.6	99.0	99.2
GE 100	90.2	92.4	93.4	94.4	95.8	96.3	96.4	96.7	96.7	97.2	97.8	97.8	98.6	98.6	99.4	100.0
GE 000	90.2	92.4	93.4	94.4	95.8	96.3	96.4	96.7	96.7	97.2	97.8	97.8	98.6	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 785

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.4	65.8	66.5	66.6	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.6	67.6	67.7	68.3
GE 20000	67.5	67.9	68.6	68.7	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.7	69.7	69.9	70.4
GE 18000	68.2	68.6	69.3	69.4	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.4	70.4	70.6	71.1
GE 16000	68.6	69.0	69.7	69.9	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.8	70.8	71.0	71.5
GE 14000	69.7	70.1	70.8	71.0	71.4	71.5	71.5	71.5	71.5	71.7	71.7	71.7	72.0	72.0	72.1	72.7
GE 12000	70.4	71.1	71.8	72.0	72.4	72.5	72.5	72.5	72.5	72.7	72.7	72.7	73.0	73.0	73.1	73.7
GE 10000	73.7	74.5	75.2	75.4	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.5	76.5	76.6	77.2
GE 9000	74.1	74.9	75.6	75.8	76.3	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.9	76.9	77.0	77.6
GE 8000	75.4	76.2	76.9	77.0	77.6	77.7	77.7	77.7	77.7	77.9	77.9	77.9	78.2	78.2	78.3	78.9
GE 7000	76.2	77.2	77.9	78.0	78.6	78.7	78.7	78.7	78.7	78.9	78.9	78.9	79.2	79.2	79.3	79.9
GE 6000	76.9	77.9	78.6	78.7	79.3	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.9	79.9	80.0	80.6
GE 5000	79.3	80.3	81.0	81.1	81.7	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.3	82.3	82.4	83.0
GE 4500	79.7	81.1	81.8	82.0	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	83.1	83.1	83.2	83.8
GE 4000	80.1	81.5	82.4	82.5	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.7	83.7	83.8	84.4
GE 3500	81.0	82.4	83.2	83.5	84.1	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.6	84.6	84.8	85.4
GE 3000	81.8	83.2	84.1	84.4	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.5	85.5	85.6	86.2
GE 2500	83.2	84.9	85.9	86.2	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.3	87.3	87.5	88.0
GE 2000	84.1	85.8	86.8	87.0	87.6	87.7	87.7	87.7	87.7	87.9	87.9	87.9	88.2	88.2	88.3	88.9
GE 1800	84.2	86.1	87.0	87.3	87.9	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.5	88.5	88.6	89.2
GE 1500	85.2	87.2	88.2	88.5	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.6	89.6	89.7	90.3
GE 1200	86.5	88.6	89.6	89.9	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.3	91.3	91.4	92.0
GE 1000	86.9	89.0	90.0	90.3	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.7	91.7	91.8	92.4
GE 900	87.2	89.3	90.3	90.7	91.7	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.3	92.3	92.4	93.0
GE 800	87.6	89.9	90.8	91.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.8	92.8	93.0	93.5
GE 700	88.0	90.4	91.4	92.0	93.0	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.7	93.7	93.8	94.4
GE 600	88.2	90.8	92.1	92.7	93.8	93.9	94.4	94.4	94.4	94.5	94.5	94.5	94.8	94.8	94.9	95.5
GE 500	88.2	91.0	92.3	92.8	93.9	94.1	94.5	94.6	94.6	94.8	94.8	94.8	95.1	95.1	95.2	95.8
GE 400	88.5	91.4	92.8	93.4	94.6	94.8	95.2	95.4	95.4	95.5	95.5	95.5	95.8	95.8	95.9	96.5
GE 300	88.5	91.7	93.1	93.7	95.1	95.2	95.6	95.8	95.8	96.1	96.1	96.1	96.3	96.3	96.5	97.0
GE 200	88.5	91.7	93.1	93.7	95.1	95.5	96.1	96.2	96.2	96.6	96.6	96.6	97.2	97.2	97.5	99.3
GE 100	88.5	91.7	93.1	93.7	95.1	95.5	96.1	96.2	96.2	96.6	96.6	96.6	97.2	97.2	97.5	99.9
GE 000	88.5	91.7	93.1	93.7	95.1	95.5	96.1	96.2	96.2	96.6	96.6	96.6	97.2	97.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 710

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	59.9	60.9	61.3	61.8	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.6
GE 20000	65.1	66.0	67.1	67.6	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.7	68.7	68.7	69.0
GE 18000	65.8	66.7	67.8	68.3	68.9	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.7
GE 16000	65.9	66.8	68.0	68.4	69.0	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.6	69.9
GE 14000	66.8	67.7	68.9	69.4	69.9	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.8
GE 12000	68.0	69.0	70.2	70.7	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.9	72.2
GE 10000	70.8	71.9	73.1	73.6	74.3	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.9	74.9	74.9	75.2
GE 9000	71.1	72.1	73.4	73.9	74.5	74.7	74.7	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.5
GE 8000	72.5	73.5	74.7	75.2	75.9	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.6	76.8
GE 7000	73.3	74.4	75.7	76.2	76.8	77.0	77.1	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.8
GE 6000	74.1	75.2	76.5	77.0	77.7	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.2	78.3	78.3	78.6
GE 5000	76.1	77.2	78.5	79.0	79.7	79.8	79.9	79.9	80.0	80.1	80.1	80.1	80.2	80.3	80.3	80.6
GE 4500	76.7	77.9	79.3	79.9	80.5	80.7	80.8	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.2	81.5
GE 4000	78.0	79.2	80.6	81.2	81.9	82.1	82.1	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.9
GE 3500	79.6	80.8	82.3	82.9	83.6	83.8	83.8	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.6
GE 3000	81.3	82.7	84.2	84.9	85.6	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.6
GE 2500	82.6	84.1	85.7	86.5	87.3	87.5	87.6	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.1	88.4
GE 2000	83.7	85.1	86.8	87.7	88.6	88.8	88.9	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.7
GE 1800	83.9	85.4	87.0	87.9	88.9	89.1	89.2	89.3	89.3	89.4	89.5	89.5	89.6	89.6	89.7	90.0
GE 1500	84.7	86.4	88.1	89.0	90.1	90.3	90.4	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.3
GE 1200	85.4	87.2	89.2	90.1	91.4	91.6	91.7	91.9	91.9	92.1	92.2	92.2	92.4	92.4	92.5	92.7
GE 1000	85.8	87.6	89.7	90.7	91.9	92.1	92.3	92.5	92.5	92.7	92.8	92.8	93.0	93.0	93.0	93.3
GE 900	86.2	88.0	90.0	91.2	92.5	92.7	92.9	93.0	93.1	93.3	93.4	93.4	93.6	93.6	93.7	93.9
GE 800	86.4	88.3	90.4	91.5	92.8	93.0	93.3	93.4	93.5	93.8	93.9	93.9	94.0	94.1	94.1	94.4
GE 700	86.8	88.7	90.8	92.0	93.3	93.5	93.8	94.0	94.0	94.3	94.4	94.4	94.6	94.6	94.7	95.0
GE 600	86.9	88.9	91.1	92.3	93.7	94.0	94.3	94.6	94.6	94.9	95.0	95.0	95.2	95.2	95.3	95.6
GE 500	87.0	89.1	91.4	92.7	94.1	94.4	94.7	95.0	95.1	95.4	95.5	95.5	95.7	95.7	95.8	96.1
GE 400	87.1	89.2	91.6	92.8	94.4	94.6	95.0	95.4	95.5	95.9	96.0	96.0	96.2	96.2	96.3	96.6
GE 300	87.1	89.3	91.7	93.0	94.6	94.9	95.3	95.7	95.8	96.4	96.7	96.7	96.9	96.9	97.1	97.4
GE 200	87.1	89.3	91.7	93.0	94.6	94.9	95.4	95.9	96.0	96.6	97.0	97.0	97.4	97.5	97.8	98.9
GE 100	87.1	89.3	91.7	93.0	94.6	94.9	95.4	95.9	96.0	96.6	97.0	97.1	97.4	97.6	98.0	99.7
GE 000	87.1	89.3	91.7	93.0	94.6	94.9	95.4	95.9	96.0	96.6	97.0	97.1	97.4	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6020

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	55.7	56.8	58.0	61.0	61.7	62.5	62.9	62.9	62.9	63.3	63.3	63.3	63.3	63.3	64.4
GE 20000	56.4	56.8	58.0	59.1	62.1	62.9	63.6	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4	65.5
GE 18000	57.6	58.0	59.1	60.2	63.3	64.0	64.8	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	66.7
GE 16000	57.6	58.0	59.1	60.2	63.3	64.0	64.8	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	66.7
GE 14000	58.7	59.1	60.2	61.4	64.4	65.2	65.9	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	67.8
GE 12000	61.4	61.7	62.9	64.0	67.0	67.8	68.6	68.9	68.9	68.9	69.3	69.3	69.3	69.3	69.3	70.5
GE 10000	63.3	63.6	64.8	65.9	68.9	69.7	70.5	70.8	70.8	70.8	71.2	71.2	71.2	71.2	71.2	72.3
GE 9000	63.3	63.6	64.8	65.9	68.9	69.7	70.5	70.8	70.8	70.8	71.2	71.2	71.2	71.2	71.2	72.3
GE 8000	65.5	65.9	67.0	68.2	71.2	72.0	72.7	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	74.6
GE 7000	66.3	66.7	67.8	68.9	72.0	72.7	73.5	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	75.4
GE 6000	69.3	69.7	70.8	72.0	75.4	76.1	76.9	77.3	77.3	77.3	77.7	77.7	77.7	77.7	77.7	78.8
GE 5000	70.5	70.8	72.0	73.1	76.5	77.3	78.0	78.4	78.4	78.4	78.8	78.8	78.8	78.8	78.8	79.9
GE 4500	73.1	73.5	74.6	75.8	79.2	79.9	80.7	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	82.6
GE 4000	73.1	73.5	74.6	75.8	79.2	79.9	80.7	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	82.6
GE 3500	74.2	74.6	75.8	77.3	80.7	81.4	82.2	82.6	82.6	82.6	83.0	83.0	83.0	83.0	83.0	84.1
GE 3000	76.5	76.9	78.0	79.9	83.3	84.1	84.8	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	86.7
GE 2500	76.9	77.7	78.8	80.7	84.1	84.8	85.6	86.0	86.0	86.0	86.4	86.4	86.4	86.4	86.4	87.5
GE 2000	78.0	79.2	80.3	82.2	85.6	86.4	87.1	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9	89.0
GE 1800	78.0	79.2	80.3	82.2	85.6	86.4	87.1	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9	89.0
GE 1500	78.4	79.5	80.7	82.6	86.0	86.7	87.5	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	89.4
GE 1200	79.5	80.7	82.2	84.1	87.5	88.3	89.0	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	90.9
GE 1000	79.9	81.1	82.6	84.8	88.3	89.0	89.8	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	91.7
GE 900	79.9	81.1	82.6	84.8	88.3	89.0	89.8	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	91.7
GE 800	79.9	81.1	82.6	84.8	88.3	89.0	89.8	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	91.7
GE 700	79.9	81.1	82.6	84.8	88.3	89.0	90.2	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	92.0
GE 600	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	93.6
GE 500	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	93.2	93.2	93.9	93.9	93.9	95.1
GE 400	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	93.2	93.6	94.3	94.3	94.3	95.5
GE 300	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	93.2	93.6	94.3	94.3	94.3	95.5
GE 200	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	93.2	93.6	94.3	94.3	94.3	97.7
GE 100	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	93.2	93.6	94.3	94.3	94.3	99.6
GE 000	80.3	81.4	83.0	85.2	89.4	90.2	91.3	92.0	92.0	92.0	93.2	93.6	94.3	94.3	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 264

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	60.6	62.1	62.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.7
GE 20000	61.6	61.6	63.2	63.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.5
GE 18000	62.4	62.4	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.3
GE 16000	62.4	62.4	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.3
GE 14000	62.4	62.4	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.3
GE 12000	65.2	65.2	66.8	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.1
GE 10000	66.0	66.0	67.5	68.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.8
GE 9000	66.0	66.0	67.5	68.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.8
GE 8000	67.8	67.8	69.3	69.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.6
GE 7000	68.8	68.8	70.3	70.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.7
GE 6000	70.8	70.8	72.4	72.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	76.0
GE 5000	73.7	73.7	75.2	75.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	79.0
GE 4500	75.4	75.4	77.0	77.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	81.1
GE 4000	76.2	76.2	77.7	78.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.8
GE 3500	78.0	78.0	79.8	80.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.9
GE 3000	81.8	82.1	84.1	84.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.2
GE 2500	82.6	82.9	84.9	85.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	89.0
GE 2000	83.9	84.1	86.2	86.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	90.5
GE 1800	83.9	84.1	86.2	86.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	90.5
GE 1500	84.9	85.2	87.2	87.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3	92.1
GE 1200	85.4	85.7	87.7	88.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	92.6
GE 1000	85.7	85.9	88.0	88.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.8
GE 900	85.9	86.2	88.2	88.7	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	93.1
GE 800	85.9	86.2	88.2	88.7	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	93.1
GE 700	85.9	86.2	88.2	88.7	91.8	91.8	92.1	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6	93.4
GE 600	86.2	86.4	88.7	89.3	92.8	92.8	93.1	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	94.4
GE 500	86.2	86.4	88.7	89.3	92.8	92.8	93.4	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9	94.6
GE 400	86.2	86.4	88.7	89.3	92.8	92.8	93.6	93.9	93.9	93.9	93.9	94.6	94.6	94.9	94.9	95.9
GE 300	86.2	86.4	89.0	89.5	93.1	93.1	93.9	94.1	94.1	94.1	94.1	94.9	94.9	95.4	95.4	96.7
GE 200	86.2	86.4	89.0	89.5	93.1	93.1	93.9	94.1	94.1	94.1	94.1	94.9	94.9	95.7	95.7	98.5
GE 100	86.2	86.4	89.0	89.5	93.1	93.1	93.9	94.1	94.1	94.1	94.1	94.9	94.9	95.7	95.7	99.7
GE 000	86.2	86.4	89.0	89.5	93.1	93.1	93.9	94.1	94.1	94.1	94.1	94.9	94.9	95.7	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 391

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.8	57.0	58.1	58.7	58.7	58.9	59.0	59.0	59.3	59.3	59.3	59.6	59.9	60.4	61.5
GE 20000	58.1	58.3	59.6	61.0	61.7	61.7	61.9	62.1	62.1	62.3	62.3	62.3	62.7	62.9	63.4	64.5
GE 18000	59.3	59.5	60.8	62.2	62.9	62.9	63.2	63.3	63.3	63.5	63.5	63.5	63.9	64.1	64.6	65.7
GE 16000	59.5	59.8	61.1	62.4	63.2	63.2	63.4	63.5	63.5	63.8	63.8	63.8	64.1	64.4	64.8	65.9
GE 14000	60.2	60.5	61.8	63.2	63.9	63.9	64.1	64.2	64.2	64.5	64.5	64.5	64.8	65.1	65.6	66.7
GE 12000	62.1	62.3	63.8	65.1	65.8	65.8	66.1	66.2	66.2	66.4	66.4	66.4	66.8	67.0	67.5	68.6
GE 10000	63.5	63.8	65.3	66.8	67.5	67.5	67.9	68.0	68.1	68.4	68.4	68.4	68.7	69.0	69.5	70.5
GE 9000	63.8	64.0	65.6	67.0	67.8	67.8	68.1	68.2	68.4	68.6	68.6	68.6	69.0	69.2	69.7	70.8
GE 8000	65.5	65.7	67.3	68.7	69.5	69.6	69.9	70.1	70.2	70.4	70.4	70.4	70.8	71.0	71.5	72.6
GE 7000	65.8	66.1	67.6	69.1	69.8	69.9	70.3	70.4	70.5	70.8	70.8	70.8	71.2	71.4	71.9	73.0
GE 6000	69.1	69.6	71.2	72.6	73.8	73.9	74.3	74.4	74.5	74.8	74.8	74.8	75.2	75.4	75.9	77.0
GE 5000	71.0	71.5	73.1	74.5	75.8	75.9	76.2	76.4	76.5	76.7	76.7	76.7	77.1	77.3	77.8	78.9
GE 4500	72.6	73.2	74.8	76.2	77.6	77.7	78.1	78.2	78.3	78.5	78.5	78.5	78.9	79.2	79.6	80.7
GE 4000	74.1	74.7	76.2	77.8	79.2	79.3	79.6	79.8	79.9	80.1	80.1	80.1	80.5	80.7	81.2	82.3
GE 3500	75.4	76.0	77.7	79.3	80.7	80.8	81.2	81.3	81.5	81.7	81.7	81.7	82.1	82.3	82.8	83.9
GE 3000	77.6	78.3	80.1	81.8	83.3	83.5	83.9	84.0	84.1	84.4	84.5	84.5	85.1	85.3	85.8	86.9
GE 2500	79.0	79.8	81.7	83.4	84.8	85.1	85.5	85.6	85.7	85.9	86.1	86.1	86.7	86.9	87.4	88.5
GE 2000	80.2	81.1	83.0	85.0	86.4	86.7	87.0	87.2	87.4	87.6	87.9	87.9	88.5	88.7	89.2	90.3
GE 1800	80.4	81.2	83.3	85.3	86.9	87.2	87.5	87.6	87.9	88.1	88.4	88.4	89.0	89.2	89.7	90.8
GE 1500	81.2	82.1	84.1	86.3	88.2	88.5	88.8	89.0	89.2	89.5	89.7	89.7	90.3	90.5	91.0	92.1
GE 1200	81.8	82.9	85.0	87.2	89.1	89.3	89.7	89.8	90.1	90.3	90.5	90.5	91.2	91.4	91.9	93.0
GE 1000	82.3	83.4	85.5	87.6	89.6	89.9	90.3	90.4	90.7	90.9	91.2	91.2	91.8	92.0	92.5	93.6
GE 900	82.5	83.6	85.7	88.0	89.9	90.3	90.7	90.8	91.0	91.4	91.6	91.6	92.2	92.5	93.0	94.1
GE 800	82.8	83.9	85.9	88.4	90.3	90.7	91.0	91.2	91.4	91.8	92.0	92.0	92.6	92.8	93.3	94.4
GE 700	82.8	83.9	85.9	88.4	90.3	90.7	91.0	91.2	91.4	91.8	92.0	92.0	92.6	92.8	93.3	94.4
GE 600	82.8	83.9	85.9	88.4	90.5	90.9	91.3	91.4	91.8	92.1	92.4	92.4	93.0	93.2	93.7	94.8
GE 500	82.9	84.0	86.3	88.7	90.9	91.3	91.6	91.8	92.1	92.6	92.8	92.8	93.5	93.7	94.2	95.3
GE 400	82.9	84.0	86.3	88.7	90.9	91.3	91.6	91.9	92.2	92.8	93.2	93.2	93.8	94.1	94.5	95.8
GE 300	82.9	84.0	86.3	88.7	90.9	91.3	91.6	91.9	92.2	92.8	93.3	93.3	94.1	94.3	94.8	96.0
GE 200	82.9	84.0	86.3	88.7	90.9	91.3	91.6	91.9	92.2	92.8	93.3	93.5	94.5	94.8	95.5	97.7
GE 100	82.9	84.0	86.3	88.7	90.9	91.3	91.6	91.9	92.2	92.8	93.3	93.5	94.7	95.0	96.4	99.5
GE 000	82.9	84.0	86.3	88.7	90.9	91.3	91.6	91.9	92.2	92.8	93.3	93.5	94.7	95.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 825

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	57.0	58.8	59.3	60.2	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.5	60.6	60.6	60.8
GE 20000	63.1	63.6	65.6	66.3	67.3	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.7	67.8	67.8	68.1
GE 18000	63.9	64.5	66.5	67.2	68.2	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.7	68.8	68.8	69.1
GE 16000	63.9	64.5	66.5	67.2	68.2	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.7	68.8	68.8	69.1
GE 14000	64.7	65.4	67.4	68.2	69.2	69.2	69.4	69.4	69.5	69.6	69.6	69.6	69.7	69.8	69.8	70.0
GE 12000	65.9	66.5	68.6	69.4	70.4	70.4	70.6	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.3
GE 10000	68.0	68.6	70.7	71.5	72.5	72.5	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.4	73.4	73.6
GE 9000	68.1	68.7	70.8	71.6	72.6	72.6	73.1	73.1	73.2	73.3	73.3	73.3	73.4	73.5	73.5	73.7
GE 8000	69.4	70.0	72.1	73.1	74.1	74.1	74.6	74.6	74.7	74.8	74.8	74.8	74.9	75.0	75.0	75.3
GE 7000	70.8	71.5	73.6	74.5	75.5	75.5	76.0	76.0	76.1	76.2	76.2	76.2	76.3	76.4	76.4	76.7
GE 6000	72.6	73.6	75.6	76.6	77.6	77.6	78.1	78.1	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.8
GE 5000	74.2	75.2	77.3	78.2	79.2	79.2	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.1	80.1	80.4
GE 4500	75.7	76.8	79.1	80.0	81.0	81.0	81.5	81.5	81.6	81.7	81.7	81.7	81.8	81.9	81.9	82.2
GE 4000	77.1	78.1	80.5	81.5	82.6	82.6	83.0	83.0	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.7
GE 3500	79.2	80.3	82.9	84.1	85.2	85.2	85.7	85.7	85.8	85.9	85.9	85.9	86.0	86.1	86.1	86.4
GE 3000	81.5	82.7	85.7	86.8	88.2	88.2	88.6	88.6	88.7	88.9	88.9	88.9	89.0	89.1	89.1	89.4
GE 2500	82.7	84.1	87.2	88.6	90.0	90.0	90.8	90.9	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.7
GE 2000	83.7	85.3	88.8	90.5	92.1	92.1	93.0	93.1	93.2	93.4	93.4	93.4	93.5	93.6	93.6	93.8
GE 1800	83.8	85.4	89.0	90.7	92.3	92.3	93.2	93.3	93.4	93.6	93.6	93.6	93.6	93.7	93.7	94.0
GE 1500	84.5	86.4	90.0	91.7	93.5	93.5	94.3	94.5	94.6	94.8	94.8	94.8	94.9	95.0	95.0	95.3
GE 1200	85.1	86.9	90.5	92.2	94.0	94.1	95.0	95.2	95.3	95.5	95.5	95.5	95.6	95.7	95.7	96.0
GE 1000	85.4	87.2	90.8	92.5	94.3	94.4	95.3	95.5	95.5	95.8	95.8	95.8	95.9	96.0	96.0	96.3
GE 900	85.4	87.2	90.8	92.5	94.3	94.4	95.3	95.5	95.5	95.8	95.8	95.8	95.9	96.0	96.0	96.3
GE 800	85.4	87.2	90.8	92.5	94.4	94.5	95.4	95.5	95.6	95.9	95.9	95.9	96.0	96.1	96.1	96.4
GE 700	85.4	87.2	90.8	92.5	94.4	94.5	95.4	95.5	95.6	95.9	95.9	95.9	96.0	96.1	96.1	96.4
GE 600	85.4	87.2	90.8	92.6	94.6	94.7	95.5	95.7	95.9	96.2	96.2	96.2	96.3	96.4	96.4	96.7
GE 500	85.4	87.2	90.8	92.7	94.7	94.8	95.6	95.9	96.1	96.5	96.5	96.5	96.6	96.7	96.7	97.0
GE 400	85.5	87.3	90.9	92.9	94.9	95.2	96.1	96.4	96.6	97.0	97.0	97.0	97.2	97.3	97.3	97.5
GE 300	85.5	87.3	90.9	93.0	95.1	95.4	96.3	96.7	96.9	97.3	97.3	97.3	97.5	97.6	97.6	97.9
GE 200	85.5	87.3	90.9	93.0	95.1	95.4	96.4	96.8	97.1	97.4	97.4	97.6	97.6	98.3	98.5	98.8
GE 100	85.5	87.3	90.9	93.0	95.1	95.4	96.4	96.8	97.1	97.4	97.4	97.6	97.6	98.3	98.5	98.9
GE 000	85.5	87.3	90.9	93.0	95.1	95.4	96.4	96.8	97.1	97.4	97.4	97.6	97.6	98.3	98.5	98.9

TOTAL NUMBER OF OBSERVATIONS 1055

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.3	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 20000	68.4	69.1	69.6	69.8	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	68.5	69.3	69.9	70.1	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	68.5	69.3	69.9	70.1	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	70.1	70.9	71.5	71.7	72.0	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	71.9	72.8	73.3	73.5	73.8	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	74.7	75.5	76.1	76.3	76.6	76.6	76.6	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	74.8	75.6	76.2	76.5	76.9	76.9	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	76.1	77.1	77.7	78.0	78.4	78.5	78.5	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	77.1	78.0	78.7	79.0	79.3	79.4	79.4	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000	78.6	79.5	80.2	80.5	80.9	81.0	81.0	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	80.6	81.5	82.2	82.5	83.0	83.1	83.1	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6
GE 4500	81.5	82.6	83.4	83.7	84.1	84.2	84.2	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	84.3	85.4	86.1	86.4	86.9	87.0	87.0	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	86.3	87.4	88.3	88.9	89.4	89.5	89.5	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	89.2	90.2	91.5	92.2	93.0	93.2	93.3	93.5	93.6	93.6	93.8	93.8	93.9	93.9	93.9	93.9
GE 2500	90.0	91.4	92.7	93.4	94.3	94.5	94.6	94.7	94.8	94.8	95.0	95.0	95.1	95.1	95.1	95.1
GE 2000	90.9	92.5	94.5	95.2	96.5	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 1800	91.0	92.6	94.6	95.3	96.6	96.7	96.8	97.0	97.1	97.1	97.3	97.3	97.4	97.4	97.4	97.4
GE 1500	91.5	93.1	95.0	95.8	97.1	97.3	97.4	97.6	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 1200	91.9	93.5	95.4	96.2	97.6	97.8	98.1	98.3	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8
GE 1000	92.0	93.7	95.7	96.5	98.0	98.2	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	92.0	93.7	95.7	96.5	98.0	98.2	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	92.0	93.7	95.7	96.5	98.0	98.2	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	92.1	93.8	95.9	96.7	98.2	98.4	98.7	98.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	92.1	93.8	96.0	96.7	98.3	98.5	98.8	98.9	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	92.3	94.0	96.4	97.2	98.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	92.3	94.0	96.4	97.2	98.8	98.9	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	92.3	94.0	96.4	97.2	98.8	98.9	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	92.3	94.0	96.4	97.2	98.8	98.9	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	92.3	94.0	96.4	97.2	98.8	98.9	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.3	94.0	96.4	97.2	98.8	98.9	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1046

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	59.6	60.1	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	67.9	69.1	69.5	70.1	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6
GE 18000	68.9	70.3	70.8	71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 16000	68.9	70.3	70.8	71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 14000	69.7	71.3	71.8	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 12000	72.0	73.6	74.2	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
GE 10000	74.9	76.5	77.0	77.6	77.8	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.4
GE 9000	74.9	76.5	77.0	77.6	77.8	77.8	77.9	78.1	78.1	78.1	78.2	78.3	78.4	78.4	78.4	78.5
GE 8000	76.1	77.6	78.2	78.9	79.0	79.0	79.1	79.3	79.3	79.3	79.4	79.6	79.7	79.7	79.7	79.8
GE 7000	77.0	78.6	79.1	79.9	80.0	80.0	80.1	80.3	80.3	80.3	80.4	80.5	80.6	80.6	80.6	80.7
GE 6000	79.0	80.6	81.1	81.9	82.0	82.0	82.1	82.3	82.3	82.3	82.4	82.5	82.6	82.6	82.6	82.7
GE 5000	80.2	81.8	82.5	83.4	83.5	83.5	83.7	83.9	83.9	83.9	84.0	84.1	84.3	84.3	84.3	84.4
GE 4500	81.0	82.6	83.4	84.2	84.3	84.3	84.5	84.7	84.7	84.7	84.9	85.0	85.2	85.2	85.2	85.3
GE 4000	82.8	84.4	85.3	86.2	86.3	86.3	86.5	86.8	86.8	86.8	86.9	87.0	87.2	87.2	87.2	87.3
GE 3500	85.7	87.4	88.3	89.5	89.6	89.6	89.8	90.0	90.0	90.0	90.1	90.3	90.5	90.5	90.5	90.6
GE 3000	88.7	90.6	91.7	93.1	93.2	93.2	93.4	93.6	93.6	93.6	93.8	93.9	94.3	94.3	94.3	94.4
GE 2500	89.4	91.3	92.8	94.4	94.6	94.6	94.8	95.0	95.0	95.0	95.1	95.2	95.7	95.7	95.7	95.8
GE 2000	90.0	92.1	93.5	95.3	95.6	95.6	95.8	96.0	96.0	96.0	96.1	96.2	96.6	96.6	96.6	96.7
GE 1800	90.3	92.3	93.8	95.6	95.8	95.8	96.0	96.2	96.2	96.2	96.3	96.4	96.8	96.8	96.8	96.9
GE 1500	90.6	92.7	94.3	96.2	96.4	96.4	96.6	96.8	96.8	96.8	96.9	97.0	97.5	97.5	97.5	97.6
GE 1200	91.3	93.5	95.1	97.0	97.2	97.2	97.5	97.7	97.7	97.8	97.9	98.0	98.4	98.4	98.4	98.5
GE 1000	91.4	93.8	95.3	97.2	97.5	97.5	97.7	97.9	97.9	98.0	98.1	98.2	98.6	98.6	98.6	98.7
GE 900	91.4	93.8	95.3	97.2	97.5	97.5	97.7	97.9	97.9	98.0	98.1	98.2	98.6	98.6	98.6	98.7
GE 800	91.5	93.9	95.6	97.5	97.7	97.7	97.9	98.1	98.1	98.2	98.3	98.4	98.8	98.8	98.8	98.9
GE 700	91.5	93.9	95.6	97.5	97.7	97.7	97.9	98.1	98.1	98.2	98.3	98.4	98.8	98.8	98.8	98.9
GE 600	91.5	93.9	95.6	97.5	97.7	97.7	97.9	98.1	98.1	98.2	98.3	98.4	98.8	98.8	98.8	98.9
GE 500	91.6	94.0	95.7	97.6	97.8	97.8	98.1	98.3	98.3	98.4	98.5	98.6	99.0	99.0	99.0	99.2
GE 400	91.6	94.0	95.8	97.7	97.9	97.9	98.2	98.4	98.4	98.5	98.6	98.7	99.2	99.2	99.2	99.3
GE 300	91.6	94.0	95.8	97.7	97.9	97.9	98.3	98.5	98.5	98.6	98.8	98.9	99.4	99.4	99.4	99.5
GE 200	91.6	94.0	95.8	97.7	97.9	97.9	98.3	98.5	98.5	98.6	98.9	99.2	99.7	99.7	99.8	100.0
GE 100	91.6	94.0	95.8	97.7	97.9	97.9	98.3	98.5	98.5	98.6	98.9	99.2	99.7	99.7	99.8	100.0
GE 000	91.6	94.0	95.8	97.7	97.9	97.9	98.3	98.5	98.5	98.6	98.9	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 944

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	61.9	62.7	63.4	64.5	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.5
GE 20000	67.8	68.4	69.4	70.3	71.4	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.8
GE 18000	68.4	69.1	70.0	70.9	72.0	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	73.4
GE 16000	68.4	69.1	70.0	70.9	72.0	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	73.4
GE 14000	69.7	70.3	71.3	72.2	73.3	73.3	73.4	73.8	73.8	73.8	73.9	73.9	74.1	74.1	74.2	75.0
GE 12000	71.3	71.9	72.8	73.8	74.8	74.8	75.0	75.3	75.3	75.3	75.5	75.5	75.6	75.6	75.8	76.6
GE 10000	73.8	74.4	75.3	76.3	77.3	77.3	77.5	77.8	77.8	77.8	78.0	78.0	78.1	78.1	78.3	79.1
GE 9000	73.8	74.4	75.3	76.3	77.3	77.3	77.5	77.8	77.8	77.8	78.0	78.0	78.1	78.1	78.3	79.1
GE 8000	75.3	75.9	76.9	77.8	78.9	78.9	79.1	79.4	79.4	79.4	79.5	79.5	79.7	79.7	79.8	80.6
GE 7000	76.6	77.2	78.1	79.1	80.2	80.2	80.3	80.6	80.6	80.6	80.8	80.8	80.9	80.9	81.1	81.9
GE 6000	79.5	80.2	81.1	82.0	83.1	83.1	83.3	83.6	83.6	83.6	83.8	83.8	83.9	83.9	84.1	84.8
GE 5000	81.4	82.0	83.0	83.9	85.0	85.0	85.2	85.5	85.5	85.5	85.6	85.6	85.8	85.8	85.9	86.7
GE 4500	83.0	83.6	84.5	85.5	86.6	86.6	86.7	87.0	87.0	87.0	87.2	87.2	87.3	87.3	87.5	88.3
GE 4000	83.9	84.5	85.5	86.4	87.5	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.3	88.3	88.4	89.2
GE 3500	85.2	85.8	86.7	87.7	88.8	88.8	88.9	89.2	89.2	89.2	89.4	89.4	89.5	89.5	89.7	90.5
GE 3000	86.9	87.5	88.6	89.5	90.6	90.6	90.8	91.1	91.1	91.1	91.3	91.3	91.6	91.6	91.7	92.5
GE 2500	88.4	89.1	90.2	91.1	92.2	92.2	92.3	92.7	92.7	92.7	92.8	92.8	93.1	93.1	93.3	94.1
GE 2000	89.4	90.0	91.1	92.0	93.1	93.1	93.3	93.6	93.6	93.6	93.8	93.8	94.1	94.1	94.2	95.0
GE 1800	89.5	90.2	91.3	92.2	93.3	93.3	93.4	93.8	93.8	93.8	93.9	93.9	94.2	94.2	94.4	95.2
GE 1500	89.8	90.5	91.7	92.7	93.8	93.8	93.9	94.2	94.2	94.4	94.5	94.5	94.8	94.8	95.0	95.8
GE 1200	90.2	90.8	92.0	93.0	94.1	94.1	94.2	94.5	94.5	94.7	94.8	94.8	95.2	95.2	95.3	96.1
GE 1000	90.2	90.8	92.0	93.0	94.4	94.4	94.7	95.0	95.0	95.2	95.3	95.3	95.8	95.8	95.9	96.7
GE 900	90.3	90.9	92.2	93.1	94.5	94.5	94.8	95.3	95.3	95.5	95.6	95.6	96.1	96.1	96.3	97.0
GE 800	90.5	91.1	92.3	93.3	94.7	94.7	95.0	95.6	95.6	95.8	95.9	95.9	96.4	96.4	96.6	97.3
GE 700	90.8	91.4	92.8	93.8	95.3	95.3	95.6	96.3	96.3	96.4	96.6	96.6	97.0	97.0	97.2	98.0
GE 600	90.8	91.4	92.8	93.9	95.5	95.5	95.8	96.6	96.6	96.7	96.9	96.9	97.3	97.3	97.5	98.3
GE 500	90.9	91.6	93.0	94.1	95.6	95.6	95.9	96.7	96.7	96.9	97.0	97.0	97.5	97.5	97.7	98.4
GE 400	91.1	91.7	93.1	94.2	95.8	95.8	96.1	96.9	96.9	97.0	97.2	97.2	97.7	97.7	97.8	98.6
GE 300	91.1	91.7	93.1	94.2	95.8	95.8	96.1	96.9	96.9	97.0	97.2	97.2	98.0	98.0	98.1	98.9
GE 200	91.1	91.7	93.1	94.2	95.8	95.8	96.1	96.9	96.9	97.2	97.5	97.5	98.3	98.4	99.2	100.0
GE 100	91.1	91.7	93.1	94.2	95.8	95.8	96.1	96.9	96.9	97.2	97.5	97.5	98.3	98.4	99.2	100.0
GE 000	91.1	91.7	93.1	94.2	95.8	95.8	96.1	96.9	96.9	97.2	97.5	97.5	98.3	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CHIL	62.7	63.0	63.7	64.8	65.7	66.0	66.0	66.5	66.5	66.7	67.3	67.3	67.6	67.8	67.8	68.3
GE 20000	65.0	65.3	66.0	67.1	68.1	68.5	68.5	69.0	69.0	69.2	69.7	69.7	70.1	70.2	70.2	70.8
GE 18000	65.5	65.8	66.5	67.6	68.7	69.0	69.0	69.5	69.5	69.7	70.2	70.2	70.6	70.8	70.8	71.3
GE 16000	65.5	65.8	66.5	67.6	68.7	69.0	69.0	69.5	69.5	69.7	70.2	70.2	70.6	70.8	70.8	71.3
GE 14000	66.0	66.4	67.1	68.1	69.2	69.5	69.5	70.1	70.1	70.6	71.3	71.3	71.6	71.8	71.8	72.3
GE 12000	69.2	69.5	70.2	71.3	72.3	72.7	72.7	73.2	73.2	73.7	74.4	74.4	74.8	75.0	75.0	75.5
GE 10000	71.6	72.0	72.7	73.7	74.8	75.1	75.1	75.7	75.7	76.2	76.9	76.9	77.2	77.4	77.4	77.9
GE 9000	71.6	72.0	72.7	73.7	74.8	75.1	75.1	75.7	75.7	76.2	76.9	76.9	77.2	77.4	77.4	77.9
GE 8000	74.3	74.6	75.3	76.4	77.4	77.8	77.8	78.3	78.3	78.8	79.5	79.5	79.9	80.0	80.0	80.6
GE 7000	74.6	75.0	75.7	76.7	77.8	78.1	78.1	78.6	78.6	79.2	79.9	79.9	80.2	80.4	80.4	80.9
GE 6000	76.4	76.7	77.4	78.5	79.5	79.9	79.9	80.4	80.4	80.9	81.6	81.6	82.0	82.1	82.1	82.7
GE 5000	78.1	78.5	79.2	80.2	81.3	81.6	81.6	82.1	82.1	82.7	83.4	83.4	83.7	83.9	83.9	84.4
GE 4500	79.7	80.0	80.7	81.8	82.8	83.2	83.2	83.7	83.7	84.2	84.9	84.9	85.3	85.5	85.5	86.0
GE 4000	79.7	80.0	80.7	81.8	82.8	83.2	83.2	83.7	83.7	84.2	84.9	84.9	85.3	85.5	85.5	86.0
GE 3500	80.6	80.9	81.6	82.7	83.7	84.1	84.1	84.6	84.6	85.1	85.8	85.8	86.2	86.3	86.3	86.9
GE 3000	82.0	82.3	83.0	84.1	85.1	85.5	85.5	86.0	86.0	86.5	87.2	87.2	87.6	87.7	87.7	88.3
GE 2500	84.2	84.6	85.3	86.5	87.6	87.9	87.9	88.4	88.4	89.0	89.7	89.7	90.0	90.2	90.2	90.7
GE 2000	86.0	86.3	87.2	88.4	89.5	89.8	89.8	90.4	90.4	90.9	91.6	91.6	91.9	92.1	92.1	92.6
GE 1800	86.2	86.5	87.4	88.6	89.7	90.0	90.0	90.5	90.5	91.1	91.8	91.8	92.1	92.3	92.3	92.8
GE 1500	86.7	87.2	88.1	89.3	90.4	90.7	90.7	91.2	91.2	91.8	92.5	92.5	92.8	93.0	93.0	93.5
GE 1200	87.2	87.7	88.6	90.0	91.2	91.6	91.6	92.1	92.1	92.6	93.5	93.5	93.9	94.0	94.0	94.6
GE 1000	87.6	88.1	89.0	90.4	91.8	92.1	92.3	92.8	92.8	93.3	94.2	94.2	94.6	94.7	94.7	95.3
GE 900	87.6	88.1	89.0	90.4	91.8	92.1	92.3	92.8	92.8	93.3	94.2	94.2	94.6	94.7	94.7	95.3
GE 800	87.7	88.3	89.1	90.5	91.9	92.3	92.5	93.0	93.0	93.5	94.4	94.4	94.7	94.9	94.9	95.4
GE 700	87.9	88.4	89.3	90.7	92.1	92.5	92.6	93.2	93.2	93.7	94.6	94.6	94.9	95.1	95.1	95.6
GE 600	87.9	88.4	89.3	90.7	92.1	92.5	92.6	93.3	93.3	93.9	94.7	94.7	95.1	95.3	95.3	95.8
GE 500	88.1	88.6	89.5	90.9	92.3	92.6	92.8	93.5	93.5	94.0	94.9	94.9	95.3	95.4	95.4	96.0
GE 400	88.3	88.8	89.7	91.1	92.6	93.0	93.2	93.9	93.9	94.4	95.3	95.4	95.8	96.0	96.0	96.5
GE 300	88.3	88.8	89.7	91.1	92.8	93.2	93.3	94.0	94.0	94.6	95.4	95.6	96.0	96.5	96.5	97.4
GE 200	88.3	88.8	89.7	91.1	92.8	93.2	93.3	94.0	94.0	94.6	95.4	95.6	96.0	96.7	96.8	98.8
GE 100	88.3	88.8	89.7	91.1	92.8	93.2	93.3	94.0	94.0	94.6	95.4	95.6	96.0	96.7	96.8	99.3
GE 000	88.3	88.8	89.7	91.1	92.8	93.2	93.3	94.0	94.0	94.6	95.4	95.6	96.0	96.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	59.4	60.3	61.0	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.2	62.3	62.4	62.4	62.8
GE 20000	64.4	65.0	66.1	66.8	67.7	67.7	67.9	68.0	68.0	68.1	68.2	68.2	68.3	68.4	68.4	68.9
GE 18000	65.2	65.8	66.9	67.6	68.5	68.6	68.7	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.3	69.8
GE 16000	65.2	65.9	66.9	67.7	68.5	68.6	68.8	68.9	69.0	69.0	69.1	69.1	69.2	69.3	69.4	69.8
GE 14000	66.1	66.8	67.9	68.7	69.5	69.6	69.8	69.9	69.9	70.0	70.2	70.2	70.3	70.3	70.4	70.9
GE 12000	68.1	68.8	69.9	70.7	71.6	71.6	71.8	71.9	72.0	72.1	72.2	72.2	72.3	72.4	72.5	72.9
GE 10000	70.3	71.0	72.2	73.0	73.8	73.9	74.1	74.3	74.4	74.5	74.6	74.6	74.8	74.8	74.9	75.4
GE 9000	70.4	71.1	72.2	73.0	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	75.0	75.5
GE 8000	72.0	72.7	73.9	74.7	75.6	75.7	75.9	76.1	76.2	76.3	76.4	76.4	76.6	76.7	76.7	77.2
GE 7000	72.9	73.6	74.8	75.6	76.5	76.6	76.8	77.0	77.1	77.2	77.4	77.4	77.5	77.6	77.7	78.1
GE 6000	75.1	75.9	77.1	77.9	78.9	79.0	79.2	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.5
GE 5000	76.9	77.7	78.9	79.7	80.8	80.9	81.1	81.3	81.3	81.5	81.6	81.6	81.8	81.9	81.9	82.4
GE 4500	78.3	79.1	80.4	81.2	82.3	82.4	82.6	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.9
GE 4000	79.7	80.5	81.8	82.7	83.8	83.9	84.1	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.4
GE 3500	81.5	82.4	83.8	84.9	85.9	86.1	86.3	86.5	86.5	86.6	86.8	86.8	87.0	87.0	87.1	87.6
GE 3000	84.0	84.9	86.5	87.7	88.9	89.0	89.3	89.5	89.5	89.6	89.8	89.8	90.1	90.1	90.2	90.7
GE 2500	85.1	86.2	87.9	89.2	90.4	90.6	90.8	91.1	91.1	91.2	91.4	91.4	91.7	91.8	91.8	92.3
GE 2000	86.2	87.4	89.3	90.7	92.0	92.2	92.5	92.7	92.8	92.9	93.1	93.1	93.4	93.4	93.5	94.0
GE 1800	86.3	87.5	89.5	90.9	92.2	92.4	92.7	92.9	93.0	93.1	93.3	93.3	93.6	93.6	93.7	94.2
GE 1500	86.9	88.2	90.1	91.6	93.1	93.2	93.5	93.8	93.8	94.0	94.2	94.2	94.5	94.5	94.6	95.1
GE 1200	87.4	88.8	90.8	92.2	93.7	93.9	94.2	94.5	94.6	94.8	95.0	95.0	95.3	95.3	95.4	95.9
GE 1000	87.7	89.0	91.1	92.5	94.1	94.3	94.7	94.9	95.0	95.2	95.4	95.4	95.7	95.8	95.9	96.3
GE 900	87.7	89.1	91.1	92.6	94.2	94.4	94.8	95.0	95.1	95.3	95.5	95.5	95.8	95.9	96.0	96.4
GE 800	87.8	89.2	91.2	92.7	94.3	94.5	94.9	95.2	95.3	95.4	95.7	95.7	96.0	96.0	96.1	96.6
GE 700	87.9	89.3	91.3	92.8	94.5	94.6	95.0	95.3	95.4	95.6	95.8	95.9	96.1	96.2	96.3	96.8
GE 600	87.9	89.3	91.4	92.9	94.7	94.9	95.3	95.6	95.7	95.9	96.1	96.2	96.4	96.5	96.6	97.1
GE 500	88.0	89.4	91.6	93.1	94.9	95.1	95.5	95.9	96.0	96.2	96.5	96.5	96.8	96.9	97.0	97.4
GE 400	88.1	89.5	91.6	93.2	95.0	95.2	95.7	96.1	96.2	96.4	96.8	96.8	97.2	97.2	97.3	97.8
GE 300	88.1	89.5	91.7	93.3	95.1	95.3	95.8	96.2	96.3	96.5	96.9	96.9	97.4	97.5	97.6	98.1
GE 200	88.1	89.5	91.7	93.3	95.1	95.3	95.8	96.2	96.3	96.6	97.0	97.1	97.7	97.9	98.1	99.2
GE 100	88.1	89.5	91.7	93.3	95.1	95.3	95.8	96.2	96.3	96.6	97.0	97.1	97.7	97.9	98.3	99.8
GE 000	88.1	89.5	91.7	93.3	95.1	95.3	95.8	96.2	96.3	96.6	97.0	97.1	97.7	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.7	52.3	53.0	53.3	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.1	54.3
GE 20000	55.9	56.5	57.4	57.7	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.8
GE 18000	56.3	56.9	57.7	58.1	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.2
GE 16000	56.3	57.0	57.8	58.2	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.3
GE 14000	57.0	57.7	58.6	58.9	59.3	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.7	59.7	59.8	60.0
GE 12000	57.9	58.6	59.5	59.9	60.3	60.3	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.7	60.7	61.0
GE 10000	59.5	60.2	61.1	61.5	61.9	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.3	62.4	62.4	62.7
GE 9000	59.7	60.5	61.4	61.8	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.7	62.9
GE 8000	60.8	61.5	62.4	62.9	63.3	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.7	63.8	64.0
GE 7000	61.2	62.0	62.9	63.3	63.8	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.5
GE 6000	62.0	62.7	63.7	64.1	64.5	64.6	64.7	64.7	64.8	64.8	64.9	64.9	65.0	65.0	65.1	65.3
GE 5000	63.0	63.8	64.8	65.2	65.7	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.5
GE 4500	63.8	64.7	65.7	66.1	66.6	66.6	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.1	67.3
GE 4000	64.9	65.8	66.8	67.3	67.7	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.3	68.5
GE 3500	66.4	67.2	68.3	68.8	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.8	70.1
GE 3000	68.2	69.1	70.3	70.8	71.4	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.9	71.9	72.2
GE 2500	69.6	70.5	71.8	72.3	72.9	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.7
GE 2000	71.2	72.2	73.5	74.1	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.3	75.3	75.6
GE 1800	71.7	72.7	74.0	74.6	75.2	75.3	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8	76.1
GE 1500	73.4	74.5	75.9	76.5	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.8	78.1
GE 1200	75.5	76.7	78.3	79.0	79.7	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.4	80.7
GE 1000	77.4	78.7	80.5	81.3	82.1	82.1	82.3	82.4	82.4	82.5	82.6	82.6	82.7	82.8	82.8	83.1
GE 900	78.6	80.1	82.0	82.9	83.7	83.8	83.9	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.5	84.7
GE 800	79.6	81.3	83.4	84.4	85.3	85.4	85.6	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.4
GE 700	80.7	82.5	84.8	86.0	87.0	87.1	87.3	87.5	87.5	87.6	87.7	87.7	87.8	87.8	87.9	88.2
GE 600	81.6	83.5	86.1	87.6	88.8	88.9	89.2	89.4	89.4	89.5	89.6	89.6	89.7	89.8	89.9	90.1
GE 500	82.2	84.3	87.2	89.0	90.6	90.8	91.2	91.4	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.3
GE 400	82.6	84.8	87.9	89.8	91.8	92.0	92.7	93.0	93.2	93.5	93.7	93.7	93.9	93.9	94.0	94.3
GE 300	82.7	84.9	88.1	90.2	92.4	92.7	93.5	94.1	94.3	94.8	95.3	95.4	95.8	95.9	96.0	96.5
GE 200	82.8	85.0	88.2	90.3	92.5	92.8	93.7	94.3	94.6	95.3	95.9	96.1	96.9	97.2	97.6	98.7
GE 100	82.8	85.0	88.2	90.3	92.5	92.8	93.7	94.3	94.6	95.3	96.0	96.2	97.1	97.5	98.1	99.7
GE 000	82.8	85.0	88.2	90.3	92.5	92.8	93.7	94.3	94.6	95.3	96.0	96.2	97.1	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 79063

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	28.3	27.4	21.7	19.5	3.1	44.3	4.7	318
03-05	32.4	23.6	20.4	19.7	3.9	44.0	2.8	432
06-08	18.8	30.7	28.4	19.6	2.5	50.5	4.3	913
09-11	10.7	33.4	36.5	18.1	1.3	55.9	2.8	1091
12-14	8.7	36.4	37.3	17.5		54.9	.6	1090
15-17	9.1	34.7	38.0	18.0	.3	56.2	.8	1030
18-20	16.2	34.0	28.9	20.0	.8	49.8	1.1	840
21-23	27.5	30.0	21.4	20.1	1.0	42.5	2.0	807
ALL HOURS	16.3	32.4	31.1	18.9	1.3	51.2	2.1	6521

MONTH: FEB HOURS: ALL

00-02	34.1	23.1	15.1	22.8	4.7	42.7	3.0	337
03-05	27.6	26.2	13.9	27.6	4.6	46.2	5.3	431
06-08	10.9	34.3	25.1	23.9	5.8	54.8	7.1	845
09-11	7.1	34.3	32.1	24.8	1.7	58.6	5.8	1012
12-14	7.4	35.3	33.0	24.3		57.3	1.8	1014
15-17	6.4	33.2	35.6	24.5	.3	60.4	1.1	960
18-20	10.0	38.8	26.5	23.1	1.6	51.2	.8	793
21-23	22.0	29.5	21.3	23.8	3.4	48.4	1.8	762
ALL HOURS	12.7	33.1	27.6	24.3	2.3	54.2	3.3	6154

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	22.8	26.9	21.3	24.7	4.3	50.3	4.3	461
03-05	18.0	25.9	20.4	29.2	6.6	56.1	4.6	545
06-08	7.1	31.4	30.9	26.8	3.7	61.4	6.6	980
09-11	7.6	33.4	36.5	21.6	.9	59.0	4.1	1146
12-14	5.8	39.6	33.2	21.5		54.6	1.9	1146
15-17	4.6	38.3	33.1	23.8	.3	57.1	2.6	1092
18-20	0.3	35.8	31.2	23.9	.7	55.9	1.8	936
21-23	20.8	30.4	20.5	26.0	2.3	48.8	2.1	899
ALL HOURS	10.3	33.8	29.8	24.3	1.8	55.9	3.4	7205

MONTH: APR HOURS: ALL

00-02	25.1	25.1	18.4	27.9	3.5	49.8	3.5	434
03-05	20.8	24.7	20.5	30.0	4.0	54.5	4.3	576
06-08	8.5	31.4	28.7	26.6	4.7	60.0	6.3	936
09-11	9.8	35.5	34.0	20.3	.5	54.7	2.6	1104
12-14	7.1	44.3	30.6	18.0		48.6	1.4	1104
15-17	6.7	41.8	35.7	15.6	.2	51.5	1.3	1045
18-20	8.4	39.6	32.7	18.8	.5	51.9	2.2	878
21-23	24.1	32.7	21.0	21.5	.7	43.2	1.1	814
ALL HOURS	12.1	35.9	29.2	21.3	1.4	51.9	2.7	6891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	23.3	30.3	18.2	25.2	2.9	46.4	2.2	412
03-05	12.4	26.0	19.4	35.3	6.8	61.5	5.8	603
06-08	10.0	23.8	30.1	32.5	3.5	66.2	7.6	1046
09-11	11.1	37.6	31.3	19.9		51.3	2.1	1098
12-14	9.2	50.5	28.1	12.1		40.3	.7	1098
15-17	10.7	44.2	31.4	13.7		45.1	1.0	991
18-20	11.5	41.0	31.8	15.7		47.5	1.2	840
21-23	23.3	35.8	17.5	22.1	1.3	40.9	1.4	692
ALL HOURS	12.7	37.3	27.4	21.1	1.5	50.0	2.7	6780

MONTH: JUN HOURS: ALL

00-02	15.8	22.7	10.8	41.1	9.6	61.5	4.8	418
03-05	8.5	20.5	14.5	46.3	10.2	71.1	8.0	615
06-08	6.2	23.8	20.1	44.4	5.5	70.0	8.0	1054
09-11	10.0	38.6	25.8	25.4	.2	51.4	3.2	1101
12-14	10.4	54.8	25.3	9.5		34.9	.3	1101
15-17	9.8	50.0	28.6	11.6		40.2	.5	1007
18-20	9.4	41.6	28.9	20.0	.1	49.0	2.0	855
21-23	18.2	31.7	14.2	32.5	3.4	50.1	4.0	704
ALL HOURS	10.4	37.7	22.5	26.7	2.7	51.9	3.5	6855

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	13.8	16.5	9.3	43.5	17.0	69.8	9.1	407
03-05	9.2	13.7	11.5	48.4	17.2	77.1	13.9	628
06-08	5.6	16.6	16.9	48.7	12.2	77.8	17.3	1037
09-11	7.4	36.6	29.1	26.6	.4	56.0	7.3	1084
12-14	9.9	49.9	33.7	6.5		40.2	3.3	1084
15-17	10.2	40.0	37.3	12.4	.1	49.7	2.1	977
18-20	8.3	29.2	32.8	25.5	4.2	62.5	4.6	830
21-23	14.7	22.6	12.3	40.4	9.9	62.6	7.9	685
ALL HOURS	9.3	30.5	25.0	29.0	6.1	60.2	7.9	6732

MONTH: AUG HOURS: ALL

00-02	12.4	17.9	10.6	49.0	10.1	69.7	10.4	386
03-05	10.2	13.6	8.6	52.4	15.3	76.3	10.0	590
06-08	5.0	16.3	15.1	51.4	12.2	78.7	13.6	1109
09-11	7.3	36.2	32.5	23.4	.7	56.6	3.8	1167
12-14	6.8	54.4	30.7	7.9	.2	38.8	1.5	1168
15-17	7.0	43.3	37.6	12.0	.1	49.8	2.6	1047
18-20	6.9	31.7	30.0	28.4	3.0	61.4	5.7	900
21-23	12.7	26.7	11.1	42.6	6.9	60.6	6.3	678
ALL HOURS	7.8	32.7	24.7	29.9	5.0	59.5	6.1	7045

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	23.0	16.6	15.1	36.0	9.3	60.5	9.3	344
03-05	17.7	16.4	12.3	39.6	14.0	65.9	12.0	543
06-08	12.5	21.5	18.9	35.7	11.4	66.0	19.2	1019
09-11	15.7	37.0	27.3	19.6	.4	47.3	10.1	1074
12-14	13.3	53.4	25.8	7.5		33.3	3.3	1074
15-17	12.7	46.5	28.0	12.5	.4	40.9	4.1	962
18-20	14.8	35.6	23.5	20.9	5.2	49.6	2.7	812
21-23	24.1	25.4	13.1	29.6	7.9	50.6	3.4	611
ALL HOURS	15.6	34.6	22.1	22.8	5.0	49.9	8.0	6439

MONTH: OCT HOURS: ALL

00-02	24.7	13.9	15.3	34.4	11.6	61.4	8.0	352
03-05	25.2	18.1	12.3	31.8	12.5	56.6	10.3	551
06-08	14.2	27.8	18.7	26.6	12.7	58.0	13.1	1051
09-11	19.1	33.8	24.6	19.8	2.6	47.1	14.1	1124
12-14	15.4	45.6	26.3	12.1	.5	38.9	6.6	1122
15-17	11.1	40.3	32.4	15.5	.6	48.5	5.9	999
18-20	19.9	31.3	19.4	25.2	4.2	48.8	4.4	836
21-23	28.1	20.9	14.4	29.0	7.5	51.0	5.1	651
ALL HOURS	18.3	31.9	22.0	22.3	5.5	49.8	8.7	6686

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	31.5	27.2	19.0	17.7	4.6	41.3	2.8	327
03-05	30.9	25.8	17.9	20.9	4.6	43.4	5.1	431
06-08	15.4	33.2	30.1	15.7	5.6	51.4	5.1	798
09-11	12.9	35.7	32.2	17.0	2.2	51.4	5.1	1010
12-14	11.3	39.2	33.4	15.9	.2	49.5	1.9	1008
15-17	8.3	41.9	34.0	15.5	.4	49.8	2.1	951
18-20	22.3	35.4	23.3	17.3	1.7	42.3	2.3	785
21-23	32.5	31.1	15.8	17.3	3.2	36.3	2.5	710
ALL HOURS	18.1	35.2	27.6	16.8	2.4	46.7	3.3	6020

MONTH: DEC HOURS: ALL

00-02	33.0	27.7	15.2	17.8	6.4	39.4	10.2	264
03-05	33.8	25.1	18.9	17.4	4.9	41.2	4.6	391
06-08	19.2	33.9	25.8	17.1	4.0	46.9	7.0	825
09-11	12.9	36.9	31.2	17.6	1.4	50.2	4.6	1055
12-14	12.2	38.2	34.4	15.1		49.5	2.5	1046
15-17	13.3	37.2	34.6	14.4	.4	49.5	3.6	944
18-20	25.6	34.7	23.8	15.2	.8	39.7	3.3	640
21-23	36.1	25.9	17.9	16.1	4.0	38.0	4.6	571
ALL HOURS	19.8	34.2	27.8	16.1	2.0	46.0	4.5	5736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	23.3	22.9	15.8	30.8	7.3	53.7	5.9	4460
03-05	19.3	21.2	15.7	34.6	9.2	59.5	7.5	6336
06-08	10.8	26.5	23.7	31.7	7.2	62.7	9.9	11613
09-11	11.0	35.7	31.1	21.2	1.0	53.3	5.5	13066
12-14	9.8	45.3	31.0	13.9	.1	45.0	2.2	13055
15-17	9.1	40.9	33.9	15.8	.3	50.0	2.3	12005
18-20	13.1	35.7	27.9	21.4	1.9	51.2	2.7	9945
21-23	23.5	28.8	17.0	26.6	4.1	47.7	3.4	8584
ALL HOURS	13.4	34.1	26.4	23.0	3.1	52.4	4.7	79064

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSF 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

RATING LOCATION 'A'
FETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

FIOW NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

TP EG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
100										.6			.0
95						.1	.1		.4	.8			.1
90				.6	.2	.6	.1		1.9	1.7	.1		.4
85			.1	1.0	.5	1.4	.5		3.9	4.0	.7		1.0
80	.3	.4	.6	1.9	1.5	2.1	1.1	.3	8.1	8.8	1.9	.3	2.2
75	2.5	2.7	2.4	4.3	3.1	4.3	3.0	2.9	13.5	17.1	6.3	1.7	5.2
70	9.4	8.7	6.2	11.0	7.4	11.8	10.8	18.1	35.7	33.3	16.2	7.9	14.4
65	21.3	24.1	17.8	23.8	21.3	39.7	52.5	63.8	75.1	65.1	40.1	21.6	38.6
60	46.3	51.8	48.3	58.8	66.7	88.1	95.4	98.3	98.4	93.7	76.2	48.2	72.6
55	79.1	87.4	87.7	93.9	98.8	100.0	100.0	100.0	100.0	99.7	97.9	85.3	94.3
50	98.0	99.2	99.8	100.0	100.0					100.0	99.7	96.8	99.5
45	99.5	100.0	100.0								100.0	99.1	99.9
40	99.9											100.0	100.0
35	100.0												100.0
.....													
	59.9	60.6	60.1	61.8	62.0	64.3	65.2	66.1	68.9	68.3	63.9	59.9	63.4
	6.51	5.96	5.46	6.30	5.13	5.29	4.17	3.92	6.61	7.60	6.11	6.16	6.55
.....													
L OBS	747	709	807	776	826	808	789	784	694	727	668	695	9030
.....													

E - 2 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65	.1							.1	.3	.1			.1
GE 60	.4			.4	.2	2.2	5.3	9.4	7.1	3.0	.7		2.5
GE 55	2.4	3.0	3.6	5.8	8.5	31.2	47.0	59.3	49.1	22.7	6.3	3.2	20.4
GE 50	10.3	18.6	21.3	32.6	62.0	89.0	94.7	94.9	86.5	59.3	25.0	11.9	51.4
GE 45	26.2	41.7	52.5	69.1	90.9	98.5	99.9	99.9	98.8	84.7	53.0	29.8	71.2
GE 40	54.9	71.5	80.9	91.8	98.9	100.0	100.0	100.0	100.0	96.7	80.8	59.9	86.7
GE 35	81.0	91.1	96.4	99.6	100.0					99.4	97.0	84.9	95.9
GE 33	88.0	96.3	99.1	100.0						99.7	98.5	91.1	97.8
GE 30	95.0	98.4	99.8							100.0	99.7	97.1	99.2
GE 25	99.7	99.7	100.0								100.0	99.9	99.9
GE 20	100.0	100.0										100.0	100.0
MEAN	40.4	43.2	44.6	47.0	49.9	52.9	54.4	55.2	54.1	50.3	45.1	41.3	48.3
SD	6.76	6.36	5.65	4.99	3.83	3.27	3.12	3.33	4.04	5.50	6.01	6.59	7.15
TOTAL OBS	747	709	807	776	826	808	789	784	694	727	668	695	9030

B - 2 - 2

OPERATING LOCATION 'A'
AFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070 STATION NAME: PORT ORD/FRITZCHE AAF CA PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
LST TO UTC: +08 MONTH: ALL HOURS: ALL

TEMP DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
80										.7			.1
75						.5	.1	1.0	.8				.2
70				.6	.4	1.4	.6	.6	3.9	2.8	.3		.9
65	.3	.6	.6	2.4	2.3	4.5	7.1	12.4	20.0	11.8	1.6		5.2
60	3.5	6.6	6.3	12.2	12.3	35.6	53.0	65.6	72.3	45.5	14.5	3.0	27.6
55	23.0	31.3	32.5	49.0	71.3	95.2	99.1	99.0	99.9	88.6	50.6	26.5	64.4
50	54.6	71.4	73.4	89.4	98.7	100.0	100.0	100.0	100.0	99.3	86.4	60.3	86.5
45	87.1	94.9	98.4	100.0	100.0					99.9	99.3	87.9	97.4
40	98.9	99.4	100.0							100.0	100.0	98.4	99.7
35	100.0	100.0										100.0	100.0
ANN	50.4	52.2	52.6	54.7	56.2	58.9	60.0	60.9	61.8	59.5	54.7	50.9	56.1
	5.22	4.79	4.34	4.38	3.35	3.33	2.93	3.00	3.78	4.74	4.66	5.08	5.68
TOTAL OBS	747	709	807	776	826	808	789	784	694	727	668	695	9030

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				36	70	78	75	69	91	82	69	73	91*
61	74	72	68	75	66	85	76	74	90	103	85	75	103
62	79	71	62	91	73	79	59*	*	*	81*	*	65*	91*
63	74	76	74	67	71	66	82	73	82	78	76	77	82
64	64	76	75	82	68	75	75	71	88	91	68	66	91
65	74	71	75										75*
66					71	75	73	74	92	89	90	72	92*
67	76	70	69	61	86	66	73	69	86	92	89	74	92
68	78	76	79	80	72	74	71	78*	*	*	*	*	80*
69	*	57*	81	66	70	69	73	70	62*				81*
71	74	81	74	78	65	78	73	73	98	90	81	64*	98*
72	73	72	85	74	83	70	84	76	79	85	69	70	85
73	67	72	63	77	73	98	75	73	94	82	67	70	98
74	66	70	73	77	76	71	73	69	86	89	78	68	89
75	75	69	71	63	78	68	70	78	94	77	77	80	94
76	81	81	78	71	92	94	71	77	87	88	88	73	94
77	71	75	70	74	70*	69*	80*	77	76	80	78	66	80*
78	67	71	84	73	84	72	76	75	95	87	81	65*	95*
79	62	66	71	72	78	77	72	74	92	77	76	75	92
80	68	71	70	78	65	86	78	79	94	103	81	82	103
81	74	77	70	92	71	87	86	72	81*	82*	77*	67*	92*
82	64*	73*	68*	79*	70*	78*	67*	84*	79*	79*	74*	64*	84*
83	75*	65*	66*	71*	76*	78*	85*	77*	90*	91*	74*	64*	91*
84	77*	71*	73*	71*	72*	69*	75*	80*	85*	74*	68*	65*	85*
85	69*	78*	60*	85*	70*	74*	97*	72*	84*	98*	73*	75*	98*
86	75*	82*	79*	64*	67*	81*	74*	73*	74*	77*	78*	74*	82*
87	71*	79*	77*	87*	85*	82*	71*	70*	79*	103*	78*	66*	103*
88	74*	78*	76*	76*	91*	71*	70*	78*	83*	89*	76*	74*	91*
89	73*	79*	71*	93*	72*	87*	74*	74*	83*	83*	78*	71*	93*
90	75*	76*	72*	76*	75*	75*	75*	77*	81*	89*	73*	73*	89*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	67*	76*	64*	71*	70*	66*	69*						76*

GREATEST	81	82	85	93	92	98	97	84	98	103	90	82	103
TOTAL OBS	747	709	807	776	826	808	789	784	694	727	668	695	9030

THE GREATEST VALUE OF 103 OCCURRED ON 10/14/61

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 1B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				40	40	47	48	46	46	38	35	29	29*
61	27	32	35	38	41	46	48	51	45	34	31	29	27
62	27	24	33	39	40	45	51*	*	*	42*	*	28*	24*
63	23	37	33	37	38	40	47	46	48	39	35	32	23
64	27	28	29	34	40	45	47	45	44	41	28	31	27
65	29	29	35										29*
66					42	42	46	45	43	35	34	26	26*
67	30	33	32	35	38	46	41	48	48	41	34	26	26
68	26	38	34	33	39	42	48	47*	*	*	*	*	26*
69	*	39*	34	35	38	43	49	45	52*				34*
71	27	29	28	36	41	48	49	51	42	31	32	30*	27*
72	30	35	33	38	39	44	52	46	45	31	37	28	28
73	28	38	36	37	45	48	48	50	45	40	35	36	28
74	30	30	34	40	44	48	50	44	49	45	39	25	25
75	26	32	33	37	43	43	46	48	47	36	35	32	26
76	28	35	34	38	49	49	51	53	51	42	38	35	28
77	29	34	31	42	47*	49*	50*	51	51	44	38	39	29*
78	36	43	47	45	47	53	55	47	44	42	31	24*	24*
79	26	32	40	41	45	50	52	52	50	40	32	30	26
80	35	36	39	39	48	49	52	52	45	41	35	31	31
81	36	36	41	40	41	49	47	53	46*	40*	40*	37*	36*
82	30*	33*	39*	39*	45*	49*	51*	50*	44*	43*	38*	34*	30*
83	33*	39*	43*	41*	45*	50*	51*	52*	51*	48*	39*	35*	33*
84	35*	35*	41*	39*	42*	49*	54*	56*	47*	43*	37*	32*	32*
85	33*	30*	36*	43*	46*	49*	53*	51*	47*	42*	32*	31*	30*
86	38*	33*	42*	36*	37*	43*	52*	52*	45*	43*	41*	37*	33*
87	35*	32*	36*	43*	49*	45*	51*	50*	46*	50*	38*	34*	32*
88	34*	31*	35*	41*	44*	44*	49*	54*	47*	48*	39*	32*	31*
89	31*	25*	38*	41*	41*	49*	50*	50*	47*	42*	37*	34*	25*
90	30*	24*	39*	41*	46*	49*	52*	53*	51*	42*	34*	29*	24*

OPERATING LOCATION 'A'
USAFETAC, ASBVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	34*	41*	38*	42*	43*	48*	54*						34*

LEAST	23	24	28	33	37	40	41	44	42	31	28	24	23
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TOTAL OBS	747	709	807	776	826	808	789	784	694	727	668	695	9030
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THE LEAST VALUE OF 23 OCCURRED ON 01/12/63

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60				59	56	60	59	58	59	57	52	49	56*
61	51	52	52	54	55	59	59	61	61	60	53	50	56
62	48	50	49	55	55	56	55*	*	*	58*	*	47*	52*
63	46	55	51	52	55	56	58	59	62	60	55	51	55
64	47	48	48	51	52	57	58	59	59	59	51	51	53
65	51	49	51										50*
66					55	57	58	58	60	58	55	50	56*
67	50	51	51	50	55	56	58	58	62	60	56	47	54
68	48	55	52	52	54	57	57	60*	*	*	*	*	54*
69	*	48*	51	52	55	59	58	57	57*				55*
71	50	50	51	51	54	57	58	61	62	55	52	47*	54*
72	48	53	54	54	56	58	62	62	61	61	53	47	56
73	50	54	51	55	57	61	60	59	62	59	54	52	56
74	50	50	53	55	55	58	61	59	59	61	56	52	56
75	51	52	51	50	56	58	60	61	62	58	55	52	56
76	52	53	53	56	58	62	62	65	63	62	60	53	58
77	50	53	50	55	56*	58*	60*	62	63	60	58	55	57*
78	56	56	60	58	60	62	62	61	63	59	53	47*	58*
79	49	50	54	56	58	59	61	62	65	61	54	53	57
80	53	56	54	57	57	60	63	61	62	60	56	54	58
81	55	55	56	57	57	60	61	63	62*	58*	57*	53*	58*
82	47*	53*	52*	56*	57*	61*	59*	63*	62*	60*	54*	51*	56*
83	52*	53*	55*	57*	59*	61*	61*	64*	66*	63*	57*	53*	58*
84	52*	53*	55*	53*	57*	59*	65*	65*	66*	59*	53*	51*	57*
85	48*	50*	50*	57*	58*	62*	63*	62*	64*	58*	51*	52*	56*
86	55*	55*	56*	52*	53*	59*	61*	62*	60*	60*	57*	55*	57*
87	52*	54*	55*	59*	60*	58*	61*	61*	60*	64*	57*	52*	58*
88	51*	53*	54*	58*	58*	59*	60*	63*	61*	59*	56*	51*	57*
89	49*	48*	55*	58*	57*	60*	59*	60*	61*	59*	55*	52*	56*
90	50*	49*	53*	57*	58*	60*	62*	64*	63*	60*	54*	48*	57*

E - 4 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: +08

PERIOD OF RECORD: 6004-6503,6605-6909,7101-9107
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	50*	56*	51*	54*	55*	56*	60*						55*
MEAN	50.4	52.2	52.6	54.7	56.2	58.9	60.0	60.9	61.8	59.5	54.7	50.9	56.1
TOTAL OBS	747	709	807	776	826	808	789	784	694	727	668	695	9030

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 4 - 1B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	45.5	5.358	318	0	0	0	0	0	318
03-05	43.6	5.954	432	0	3	0	0	0	432
06-08	43.5	6.587	913	0	15	1	0	0	913
09-11	50.2	6.052	1091	0	1	11	0	0	1091
12-14	57.9	5.305	1090	0	0	121	0	0	1090
15-17	57.4	5.006	1030	0	0	91	0	0	1030
18-20	51.4	4.255	840	0	0	0	0	0	840
21-23	48.1	4.696	807	0	0	0	0	0	807
ALL HOURS	50.9	7.592	6521	0	19	224	0	0	6521

MONTH: FEB

00-02	46.9	6.063	337	0	4	0	0	0	337
03-05	45.2	6.800	431	0	14	0	0	0	431
06-08	45.3	6.578	844	0	18	0	0	0	844
09-11	52.9	6.002	1013	0	0	28	0	0	1013
12-14	59.3	5.776	1014	0	0	173	2	0	1014
15-17	58.2	5.139	960	0	0	108	2	0	960
18-20	53.4	4.549	793	0	0	10	0	0	793
21-23	50.2	4.958	762	0	2	3	0	0	762
ALL HOURS	52.6	7.687	6154	0	38	322	4	0	6154

E - 5 - 1 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070 STATION NAME: FORT ORD/FRITZCHE AAF CA PERIOD OF RECORD: AUG 76 - JUL 91
LST TO UTC: + 8 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	49.3	4.196	461	0	0	0	0	0	461
03-05	48.1	4.675	545	0	0	0	0	0	545
06-08	48.6	5.181	980	0	2	0	0	0	980
09-11	56.1	4.965	1146	0	0	61	0	0	1146
12-14	59.5	5.015	1146	0	0	158	4	0	1146
15-17	58.1	4.358	1092	0	0	66	2	0	1092
18-20	54.6	3.774	936	0	0	7	0	0	936
21-23	51.9	4.056	899	0	0	3	0	0	899
ALL HOURS	54.2	6.120	7205	0	2	295	6	0	7205

MONTH: APR

00-02	51.1	3.417	434	0	0	1	0	0	434
03-05	49.7	4.214	576	0	0	0	0	0	576
06-08	51.4	4.517	936	0	0	3	0	0	936
09-11	59.3	5.609	1104	0	0	144	9	0	1104
12-14	61.2	5.326	1104	0	0	197	13	0	1104
15-17	59.5	4.311	1045	0	0	107	1	0	1045
18-20	55.9	3.800	878	0	0	19	0	0	878
21-23	53.2	3.496	814	0	0	4	0	0	814
ALL HOURS	56.1	6.143	6891	0	0	475	23	0	6891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	53.0	3.176	412	0	0	0	0	0	412
03-05	51.7	3.607	603	0	0	0	0	0	603
06-08	54.1	3.673	1046	0	0	13	0	0	1046
09-11	60.0	4.889	1098	0	0	143	7	0	1098
12-14	61.3	3.970	1098	0	0	173	3	0	1098
15-17	60.1	3.915	991	0	0	119	0	0	991
18-20	56.9	3.590	840	0	0	35	0	0	840
21-23	54.7	2.966	692	0	0	0	0	0	692
ALL HOURS	57.2	5.031	6780	0	0	483	10	0	6780

MONTH: JUN

00-02	55.1	2.506	418	0	0	1	0	0	418
03-05	54.3	3.003	615	0	0	1	0	0	615
06-08	56.7	3.411	1054	0	0	26	0	0	1054
09-11	61.7	4.532	1101	0	0	227	6	0	1101
12-14	63.4	3.576	1101	0	0	362	6	0	1101
15-17	62.4	3.570	1007	0	0	256	0	0	1007
18-20	59.1	3.191	855	0	0	47	0	0	855
21-23	56.9	2.508	704	0	0	7	0	0	704
ALL HOURS	59.4	4.737	6855	0	0	927	12	0	6855

E - 5 - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
10-02	57.6	3.076	407	0	0	13	0	0	407
13-05	56.3	2.986	628	0	0	6	0	0	628
16-08	57.7	3.477	1037	0	0	39	0	0	1037
19-11	62.6	4.943	1084	0	0	288	11	1	1084
12-14	64.5	3.599	1084	0	0	481	3	0	1084
15-17	63.5	3.535	977	0	0	340	1	0	977
18-20	60.6	3.446	830	0	0	101	0	0	830
11-23	58.7	3.020	685	0	0	33	0	0	685
ALL HOURS	60.7	4.576	6732	0	0	1301	15	1	6732

MONTH: AUG

10-02	58.9	2.627	386	0	0	2	0	0	386
13-05	57.9	2.592	590	0	0	0	0	0	590
16-08	58.6	2.928	1107	0	0	43	0	0	1107
19-11	63.8	4.434	1167	0	0	460	3	0	1167
2-14	65.9	3.525	1168	0	0	739	0	0	1168
5-17	64.6	3.451	1047	0	0	540	0	0	1047
8-20	61.7	3.099	900	0	0	172	0	0	900
1-23	60.0	2.725	678	0	0	40	0	0	678
ALL HOURS	62.1	4.484	7043	0	0	1996	3	0	7043

E - 5 - 1 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.7	3.098	344	0	0	6	0	0	344
03-05	56.5	3.779	543	0	0	9	0	0	543
06-08	57.5	4.178	1019	0	0	43	0	0	1019
09-11	65.3	5.988	1074	0	0	507	35	0	1074
12-14	67.3	5.209	1074	0	0	707	35	3	1074
15-17	65.3	4.304	962	0	0	536	10	0	962
18-20	61.8	3.377	812	0	0	156	0	0	812
21-23	59.7	2.964	611	0	0	38	0	0	611
ALL HOURS	62.3	5.943	6439	0	0	2002	80	3	6439

MONTH: OCT

00-02	54.9	4.111	352	0	0	3	0	0	352
03-05	53.2	4.910	551	0	0	2	0	0	551
06-08	53.8	4.991	1051	0	0	11	0	0	1051
09-11	62.6	6.543	1124	0	0	351	26	2	1124
12-14	66.0	6.637	1122	0	0	589	51	9	1122
15-17	63.4	5.311	999	0	0	350	13	0	999
18-20	59.3	4.034	836	0	0	78	0	0	836
21-23	56.7	4.026	651	0	0	26	0	0	651
ALL HOURS	59.7	7.136	6686	0	0	1410	90	11	6686

E - 5 - 1 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	49.4	5.573	327	0	0	0	0	0	327
03-05	48.0	6.171	431	0	1	0	0	0	431
06-08	47.6	6.185	798	0	4	0	0	0	798
09-11	56.3	6.257	1010	0	0	97	1	0	1010
12-14	62.9	6.083	1008	0	0	344	12	0	1008
15-17	60.3	5.009	951	0	0	175	3	0	951
18-20	55.1	4.700	785	0	0	17	0	0	785
21-23	51.8	5.194	710	0	0	3	0	0	710
ALL HOURS	55.2	7.819	6020	0	5	636	16	0	6020

MONTH: DEC

00-02	46.4	6.040	264	0	0	0	0	0	264
03-05	44.3	6.153	391	0	3	0	0	0	391
06-08	43.9	6.297	825	0	24	0	0	0	825
09-11	50.8	6.121	1055	0	0	9	0	0	1055
12-14	58.9	5.833	1046	0	0	167	1	0	1046
15-17	57.9	5.482	944	0	0	110	0	0	944
18-20	52.2	4.895	640	0	0	0	0	0	640
21-23	48.9	5.470	571	0	2	0	0	0	571
ALL HOURS	51.8	8.043	5736	0	29	286	1	0	5736

E - 5 - 1 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	52.4	6.056	4460	0	4	26	0	0	4460
03-05	51.3	6.530	6336	0	21	18	0	0	6336
06-08	52.0	7.244	11610	0	63	179	0	0	11610
09-11	58.5	7.423	13067	0	1	2326	98	3	13067
12-14	62.4	5.912	13055	0	0	4211	130	12	13055
15-17	60.9	5.271	12005	0	0	2798	32	0	12005
18-20	56.9	5.240	9945	0	0	642	0	0	9945
21-23	54.0	5.618	8584	0	4	157	0	0	8584
ALL HOURS	57.0	7.413	79062	0	93	10357	260	15	79062

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RATING LOCATION "A"
FETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN

RS T	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
02	41.9	5.293	318	6	34	0	0	0	318
05	40.1	5.760	432	29	30	0	0	0	432
08	40.6	6.395	913	86	98	0	0	0	913
11	46.0	5.530	1091	2	309	0	0	0	1091
14	51.0	4.386	1090	0	694	0	0	0	1090
17	50.7	4.061	1030	0	627	0	0	0	1030
20	46.9	4.177	840	2	231	0	0	0	840
23	44.3	4.854	807	3	131	0	0	0	807
L RS	46.2	6.385	6521	128	2154	0	0	0	6521

MONTH: FEB

02	43.4	6.333	337	14	53	0	0	0	337
05	41.8	6.939	431	39	58	0	0	0	431
08	42.5	6.502	844	59	125	0	0	0	844
11	48.7	5.405	1013	4	424	0	0	0	1013
14	52.5	4.919	1014	0	729	3	0	0	1014
17	52.0	4.436	960	0	661	2	0	0	960
20	48.9	4.568	793	2	361	0	0	0	793
23	46.5	5.160	762	6	215	0	0	0	762
L RS	48.0	6.604	6154	124	2626	5	0	0	6154

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OPERATING LOCATION
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 60070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	45.8	4.310	461	0	98	0	0	0	461
03-05	44.9	4.971	545	3	96	0	0	0	545
06-08	45.6	4.942	980	8	208	0	0	0	980
09-11	51.0	4.112	1146	0	720	0	0	0	1146
12-14	53.0	3.801	1146	0	947	2	0	0	1146
15-17	52.1	3.418	1092	0	863	0	0	0	1092
18-20	50.0	3.481	936	0	521	0	0	0	936
21-23	48.1	4.038	899	0	324	0	0	0	899
ALL HOURS	49.5	4.982	7205	11	3777	2	0	0	7205

MONTH: APR

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	47.0	3.348	434	0	108	0	0	0	434
03-05	45.9	4.003	576	0	122	0	0	0	576
06-08	47.8	4.078	936	0	360	0	0	0	936
09-11	53.0	4.063	1104	0	893	5	1	0	1104
12-14	54.1	3.618	1104	0	1000	9	1	0	1104
15-17	53.1	3.105	1045	0	895	1	0	0	1045
18-20	50.8	2.929	878	0	563	0	0	0	878
21-23	48.9	3.181	814	0	350	0	0	0	814
ALL HOURS	50.7	4.499	6891	0	4291	15	2	0	6891

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.9	2.890	412	0	175	0	0	0	412
03-05	48.2	3.498	603	0	203	0	0	0	603
06-08	50.4	3.225	1046	0	644	0	0	0	1046
09-11	53.9	3.397	1098	0	1016	4	0	0	1098
12-14	54.6	2.647	1098	0	1073	0	0	0	1098
15-17	53.9	2.670	991	0	944	0	0	0	991
18-20	51.8	2.702	840	0	661	0	0	0	840
21-23	50.4	2.690	692	0	397	0	0	0	692
ALL HOURS	52.0	3.704	6780	0	5113	4	0	0	6780

MONTH: JUN

00-02	51.6	2.296	418	0	346	0	0	0	418
03-05	51.1	2.821	615	0	459	0	0	0	615
06-08	53.1	2.556	1054	0	981	0	0	0	1054
09-11	56.1	2.733	1101	0	1099	1	0	0	1101
12-14	57.0	2.231	1101	0	1101	1	0	0	1101
15-17	56.3	2.142	1007	0	1007	0	0	0	1007
18-20	54.3	2.061	855	0	850	0	0	0	855
21-23	53.0	2.174	704	0	664	0	0	0	704
ALL HOURS	54.6	3.123	6855	0	6507	2	0	0	6855

E - 5 - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.3	2.299	407	0	394	0	0	0	407
03-05	53.5	2.452	628	0	573	0	0	0	628
06-08	54.8	2.345	1037	0	1016	0	0	0	1037
09-11	57.8	2.794	1084	0	1084	7	0	0	1084
12-14	58.8	2.035	1084	0	1084	0	0	0	1084
15-17	58.0	2.050	977	0	977	0	0	0	977
18-20	56.2	1.896	830	0	829	0	0	0	830
21-23	55.1	2.053	685	0	682	0	0	0	685
ALL HOURS	56.4	2.945	6732	0	6639	7	0	0	6732

MONTH: AUG

00-02	55.1	2.298	386	0	378	0	0	0	386
03-05	54.6	2.301	590	0	571	0	0	0	590
06-08	55.4	2.438	1107	0	1091	0	0	0	1107
09-11	58.6	2.948	1167	0	1167	14	0	0	1167
12-14	59.6	2.348	1168	0	1168	7	0	0	1168
15-17	58.9	2.347	1047	0	1047	1	0	0	1047
18-20	57.1	2.231	900	0	900	0	0	0	900
21-23	56.2	2.075	678	0	677	0	0	0	678
ALL HOURS	57.4	2.941	7043	0	6999	22	0	0	7043

E - 5 - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	57.9	3.333	344	0	299	0	0	0	344
03-05	53.4	3.910	543	0	445	0	0	0	543
06-08	54.5	3.788	1019	0	907	1	0	0	1019
09-11	59.4	3.278	1074	0	1074	38	1	0	1074
12-14	60.3	2.655	1074	0	1074	26	3	0	1074
15-17	59.2	2.611	962	0	962	5	2	0	962
18-20	57.1	2.439	812	0	812	1	0	0	812
21-23	55.7	2.826	611	0	596	1	0	0	611
ALL HOURS	57.3	3.940	6439	0	6169	72	6	0	6439

MONTH: OCT

00-02	51.0	3.747	352	0	231	0	0	0	352
03-05	49.8	4.582	550	0	317	0	0	0	550
06-08	50.7	4.815	1051	0	669	0	0	0	1051
09-11	56.6	4.232	1124	0	1083	22	3	0	1124
12-14	58.4	3.731	1122	0	1120	27	5	0	1122
15-17	57.0	3.185	999	0	996	3	1	0	999
18-20	54.6	3.150	836	0	783	0	0	0	836
21-23	52.5	3.669	651	0	518	0	0	0	651
ALL HOURS	54.5	4.993	6685	0	5717	52	9	0	6685

E - 5 - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	45.7	5.618	327	2	93	0	0	0	327
03-05	44.4	5.977	431	10	101	0	0	0	431
06-08	44.3	6.090	798	21	172	0	0	0	798
09-11	50.8	5.168	1010	0	625	1	0	0	1010
12-14	54.6	4.180	1008	0	897	2	0	0	1008
15-17	53.6	3.873	951	0	817	0	0	0	951
18-20	50.6	4.503	785	0	489	0	0	0	785
21-23	47.8	5.186	710	0	282	0	0	0	710
ALL HOURS	49.9	6.230	6020	33	3476	3	0	0	6020

MONTH: DEC

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	42.2	6.030	264	13	40	0	0	0	264
03-05	40.4	6.257	391	35	41	0	0	0	391
06-08	40.5	6.376	825	86	85	0	0	0	825
09-11	46.1	5.801	1055	12	315	0	0	0	1055
12-14	51.2	4.592	1046	3	691	0	0	0	1046
15-17	50.9	4.388	944	2	625	0	0	0	944
18-20	46.9	4.882	640	5	199	0	0	0	640
21-23	44.6	5.546	571	12	106	0	0	0	571
ALL HOURS	46.4	6.700	5736	168	2102	0	0	0	5736

E - 5 - 2 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.7	6.053	4460	35	2249	0	0	0	4460
03-05	48.0	6.636	6335	116	3016	0	0	0	6335
06-08	48.8	7.038	11610	260	6356	1	0	0	11610
09-11	53.2	6.203	13067	18	9809	92	5	0	13067
12-14	55.5	4.785	13055	3	11578	77	9	0	13055
15-17	54.6	4.475	12005	2	10421	12	3	0	12005
18-20	52.2	4.892	9945	9	7199	1	0	0	9945
21-23	50.1	5.535	8584	21	4942	1	0	0	8584
ALL HOURS	52.0	6.283	79061	464	55570	184	17	0	79061

E - 5 - 2 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	37.2	7.272	318	26	164	318	0	318
03-05	35.5	7.436	432	45	170	432	0	432
06-08	36.8	7.784	913	101	464	909	1	913
09-11	41.6	6.892	1091	24	853	1079	0	1091
12-14	44.3	6.908	1090	25	972	1063	0	1090
15-17	44.0	6.888	1030	24	916	1010	0	1030
18-20	42.0	6.656	840	14	683	836	0	840
21-23	39.9	7.041	807	30	553	806	0	807
ALL HOURS	41.0	7.692	6521	289	4775	6453	1	6521

MONTH: FEB

00-02	39.1	8.172	337	26	205	331	0	1014
03-05	37.6	8.646	431	60	238	422	0	1014
06-08	39.1	7.948	844	84	545	836	0	1014
09-11	44.4	6.660	1013	17	897	977	0	1014
12-14	46.3	7.164	1014	19	926	924	1	1014
15-17	46.1	6.560	960	5	886	903	0	1014
18-20	44.4	6.536	793	13	701	781	0	1014
21-23	42.6	7.021	762	20	613	753	0	1014
ALL HOURS	43.3	7.806	6154	244	5011	5927	1	6154

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	42.1	5.754	461	1	383	457	0	461
03-05	41.4	6.338	545	7	421	536	0	545
06-08	42.3	6.027	980	8	808	970	0	980
09-11	46.3	5.438	1146	2	1089	1106	0	1146
12-14	47.0	5.514	1146	2	1098	1089	2	1146
15-17	46.7	4.902	1092	0	1054	1059	0	1092
18-20	45.7	4.762	936	0	908	920	0	936
21-23	44.4	5.344	899	0	832	883	0	899
ALL HOURS	45.0	5.876	7205	20	6593	7030	2	7205

MONTH: APR

00-02	42.9	4.409	434	1	394	434	0	1104
03-05	41.9	5.248	576	3	474	576	0	1104
06-08	44.3	5.047	936	3	862	930	0	1104
09-11	47.4	5.296	1104	5	1072	1053	2	1104
12-14	47.8	5.042	1104	3	1079	1064	4	1104
15-17	47.4	4.431	1045	3	1031	1025	0	1104
18-20	46.0	4.087	878	2	863	867	0	1104
21-23	44.8	4.265	814	0	792	809	0	1104
ALL HOURS	45.8	5.204	6891	20	6567	6758	6	6891

E - 5 - 3 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.9	4.001	412	0	405	409	0	412
03-05	44.9	4.527	603	0	584	603	0	603
06-08	47.0	4.116	1046	0	1035	1029	0	1046
09-11	48.6	4.491	1098	0	1090	1023	2	1098
12-14	48.9	3.788	1098	0	1094	1048	0	1098
15-17	48.5	3.834	991	0	991	956	0	991
18-20	47.2	3.820	840	0	839	834	0	840
21-23	46.5	3.962	692	0	691	690	0	692
ALL HOURS	47.5	4.338	6780	0	6729	6592	2	6780

MONTH: JUN

00-02	48.6	3.300	418	0	418	412	0	1101
03-05	48.3	3.616	615	0	612	603	0	1101
06-08	50.1	2.908	1054	0	1054	1015	0	1101
09-11	51.7	2.893	1101	0	1101	997	0	1101
12-14	52.1	2.694	1101	0	1101	993	1	1101
15-17	51.5	2.803	1007	0	1007	939	0	1101
18-20	50.3	2.703	855	0	855	832	0	1101
21-23	49.7	2.825	704	0	703	691	0	1101
ALL HOURS	50.6	3.265	6855	0	6851	6482	1	6855

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.5	2.878	407	0	407	373	0	407
03-05	51.2	3.022	628	0	628	589	0	628
06-08	52.5	2.593	1037	0	1037	913	0	1037
09-11	54.3	2.628	1084	0	1084	756	1	1084
12-14	54.6	2.393	1084	0	1084	725	0	1084
15-17	54.0	2.336	977	0	977	712	0	977
18-20	52.7	2.716	830	0	830	719	0	830
21-23	52.2	2.857	685	0	683	618	0	685
ALL HOURS	53.2	2.977	6732	0	6730	5405	1	6732

MONTH: AUG

00-02	52.0	3.036	386	0	386	337	0	1168
03-05	51.9	3.262	590	0	590	497	0	1168
06-08	52.9	3.074	1107	0	1107	885	0	1168
09-11	54.9	3.274	1167	0	1167	714	6	1168
12-14	55.1	2.739	1168	0	1168	681	0	1168
15-17	54.7	2.655	1047	0	1047	657	0	1168
18-20	53.6	2.818	900	0	900	672	0	1168
21-23	53.1	2.963	678	0	678	526	0	1168
ALL HOURS	53.8	3.247	7043	0	7043	4969	6	7043

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEC F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	50.7	4.936	344	0	339	299	0	344
03-05	50.8	5.213	543	0	537	457	0	543
06-08	52.1	4.576	1019	0	1014	803	2	1019
09-11	55.2	3.903	1074	0	1071	604	15	1074
12-14	55.3	3.887	1074	0	1070	557	9	1074
15-17	54.8	3.640	962	0	962	545	4	962
18-20	53.5	3.855	812	0	810	579	1	812
21-23	52.5	4.462	611	0	606	460	1	611
ALL HOURS	53.6	4.570	6439	0	6409	4304	32	6439

MONTH: OCT

00-02	47.4	5.006	352	1	342	342	0	1122
03-05	46.7	5.570	550	0	520	531	0	1122
06-08	47.8	5.828	1051	0	994	991	0	1122
09-11	51.9	5.275	1124	0	1112	858	6	1122
12-14	52.7	5.114	1122	3	1109	842	9	1122
15-17	52.0	4.342	999	0	994	807	1	1122
18-20	50.6	4.480	836	1	826	752	0	1122
21-23	48.8	5.140	651	2	633	614	0	1122
ALL HOURS	50.3	5.576	6685	7	6530	5737	16	6685

E - 5 - 3 - 5

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070 STATION NAME: PORT ORD/FRITZCHE AAF CA PERIOD OF RECORD: AUG 76 - JUL 91
LST TO UTC: + 8 MONTH: NOV

DURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
0-02	41.6	7.281	327	12	257	324	0	327
3-05	40.3	7.365	431	19	307	427	0	431
6-08	40.5	7.433	798	44	567	789	0	798
9-11	45.6	6.936	1010	14	899	959	1	1010
2-14	47.3	7.157	1008	19	923	919	0	1008
5-17	47.7	6.220	951	9	899	876	0	951
8-20	46.1	6.218	785	2	716	746	0	785
1-23	43.7	6.855	710	9	591	696	0	710
ALL DURS	44.8	7.432	6020	128	5159	5736	1	6020

MONTH: DEC

0-02	37.0	7.759	264	26	126	264	0	1046
3-05	35.2	8.130	391	68	162	391	0	1046
6-08	35.9	8.218	825	116	372	824	0	1046
9-11	40.8	7.846	1055	60	734	1043	0	1046
1-14	43.5	7.986	1046	36	842	1011	0	1046
1-17	43.9	7.487	944	30	788	926	0	1046
1-20	41.2	7.679	640	30	454	635	0	1046
1-23	39.6	7.795	571	38	377	567	0	1046
ALL DURS	40.5	8.447	5736	404	3855	5661	0	5736

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.9	7.424	4460	93	3826	4300	0	4460
03-05	44.5	8.043	6335	202	5243	6064	0	6335
06-08	45.6	8.149	11610	356	9859	10894	3	11610
09-11	48.6	7.246	13067	122	12169	11169	33	13067
12-14	49.6	6.720	13055	107	12466	10916	26	13055
15-17	49.3	6.289	12005	71	11552	10425	5	12005
18-20	47.9	6.361	9945	62	9385	9173	1	9945
21-23	46.3	6.973	8584	99	7752	8113	1	8584
ALL HOURS	47.6	7.332	79061	1112	72252	71054	69	79061

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN

ST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
-02	100.0	99.4	99.1	98.7	97.2	89.0	59.1	33.3	14.5	73.7	318
-05	100.0	100.0	99.3	97.9	96.5	91.4	60.4	31.9	12.0	73.6	432
-08	100.0	100.0	99.8	99.1	98.5	94.1	73.3	43.4	19.7	77.8	913
-11	100.0	99.8	99.5	98.6	95.7	87.1	63.8	33.4	10.5	73.4	1091
-14	100.0	99.4	97.1	92.4	81.9	61.8	31.9	12.5	3.1	62.4	1090
-17	100.0	98.9	97.1	91.7	81.7	61.9	36.3	15.3	4.1	63.2	1030
-20	100.0	99.6	99.0	98.2	93.8	81.3	56.1	32.4	9.8	71.6	840
-23	100.0	99.9	99.1	98.4	97.3	88.5	62.2	36.9	15.5	74.5	807
LL URS	100.0	99.6	98.6	96.4	91.7	79.7	53.8	28.6	10.4	70.5	6521

MONTH: FEB

-02	100.0	100.0	99.1	98.8	98.2	91.7	67.4	35.9	9.8	74.9	337
-05	100.0	100.0	99.3	98.6	98.4	92.3	70.5	36.7	9.5	75.1	431
-08	100.0	100.0	99.8	99.4	98.6	95.3	78.6	50.8	22.5	79.4	844
-11	100.0	100.0	99.9	98.9	95.3	86.3	65.4	35.3	11.8	73.9	1013
-14	100.0	100.0	98.1	92.7	82.1	64.8	37.7	15.0	3.0	63.8	1014
-17	100.0	100.0	98.6	94.6	86.3	69.4	42.1	18.4	4.5	65.7	960
-20	100.0	100.0	99.2	98.4	94.7	84.6	61.0	35.3	9.6	72.7	793
-23	100.0	99.9	99.5	99.0	97.6	90.8	71.9	42.8	14.4	76.3	762
LL URS	100.0	100.0	99.2	97.2	92.7	82.4	59.7	32.5	10.4	72.0	6154

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR

HOURS LS "	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	98.3	97.2	78.7	36.9	11.3	76.6	461
03-05	100.0	100.0	100.0	100.0	99.8	96.9	83.3	39.1	12.1	77.8	545
06-08	100.0	100.0	100.0	99.8	99.0	95.5	83.5	51.5	19.0	79.6	980
09-11	100.0	100.0	99.5	98.1	92.8	83.0	54.7	28.1	7.2	70.9	1146
12-14	100.0	100.0	98.3	95.2	88.1	71.1	34.6	13.8	2.4	64.7	1146
15-17	100.0	100.0	98.6	97.2	93.0	79.1	39.0	15.1	3.2	67.0	1092
18-20	100.0	100.0	100.0	99.4	96.8	90.7	59.8	28.6	6.3	72.8	936
21-23	100.0	100.0	100.0	99.6	98.0	94.9	72.4	40.5	11.7	76.3	899
ALL HOURS	100.0	100.0	99.4	98.3	95.0	86.7	59.6	30.0	8.5	72.3	7205

MONTH: APR

00-02	100.0	100.0	100.0	100.0	98.8	94.7	70.0	26.5	3.0	73.8	434
03-05	100.0	100.0	100.0	99.3	98.4	95.8	74.1	32.1	5.4	75.0	576
06-08	100.0	100.0	100.0	99.6	98.8	95.2	78.2	44.2	10.6	77.2	936
09-11	100.0	99.9	98.8	96.3	89.9	75.6	41.6	14.1	2.9	66.3	1104
12-14	100.0	99.9	97.9	94.7	86.4	67.4	30.3	7.3	.9	63.0	1104
15-17	100.0	99.7	99.2	97.0	91.8	75.0	36.6	9.7	1.2	65.4	1045
18-20	100.0	100.0	99.8	98.7	95.3	86.3	54.1	21.3	3.2	70.4	878
21-23	100.0	100.0	100.0	99.6	97.8	92.8	65.2	32.3	6.3	73.9	814
ALL HOURS	100.0	99.9	99.3	97.8	93.7	83.2	52.9	21.8	4.0	69.7	6891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.8	94.9	64.6	36.7	5.8	74.3	412
03-05	100.0	100.0	100.0	100.0	100.0	97.7	76.6	45.6	13.3	78.2	603
06-08	100.0	100.0	100.0	99.8	99.4	94.9	74.3	46.5	13.8	77.5	1046
09-11	100.0	100.0	99.1	97.4	92.9	80.9	42.5	15.9	1.9	67.4	1098
12-14	100.0	100.0	99.3	98.0	92.5	72.6	34.3	7.5	.3	64.8	1098
15-17	100.0	100.0	100.0	99.0	94.0	74.9	40.9	11.5	1.4	66.4	991
18-20	100.0	100.0	100.0	99.8	96.7	83.3	54.0	23.8	5.4	71.0	840
21-23	100.0	100.0	100.0	99.9	99.3	91.6	65.0	35.3	8.2	74.6	692
ALL HOURS	100.0	100.0	99.7	99.0	96.2	84.6	54.0	25.5	5.7	70.9	6780

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	99.0	81.1	52.2	13.2	79.1	418
03-05	100.0	100.0	100.0	100.0	100.0	99.8	84.6	56.4	15.9	80.5	615
06-08	100.0	100.0	100.0	99.9	99.5	98.8	84.0	52.3	14.4	79.2	1054
09-11	100.0	100.0	99.9	99.3	97.7	90.2	55.9	18.9	2.3	70.6	1101
12-14	100.0	100.0	99.7	99.2	98.1	85.5	40.3	6.9	.6	67.2	1101
15-17	100.0	100.0	100.0	99.4	97.4	85.6	44.5	9.3	.4	68.0	1007
18-20	100.0	100.0	99.9	99.3	98.6	94.7	64.9	28.0	3.5	73.1	855
21-23	100.0	100.0	100.0	99.7	99.6	98.9	77.8	44.6	8.0	77.4	704
ALL HOURS	100.0	100.0	99.9	99.5	98.7	92.9	63.5	29.9	6.2	73.4	6855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.8	98.3	85.0	56.5	22.4	80.8	407
03-05	100.0	100.0	100.0	100.0	100.0	99.4	92.4	67.7	27.9	83.4	628
06-08	100.0	100.0	100.0	100.0	99.9	98.9	93.1	69.6	27.4	83.4	1037
09-11	100.0	100.0	99.8	99.4	97.9	92.6	71.0	38.6	12.2	75.4	1084
12-14	100.0	100.0	99.9	99.7	98.8	91.4	57.4	16.9	2.1	70.9	1084
15-17	100.0	100.0	100.0	99.7	98.2	91.6	63.2	20.9	3.1	71.8	977
18-20	100.0	100.0	99.6	99.3	98.3	94.8	77.1	39.5	7.2	76.0	830
21-23	100.0	100.0	99.7	99.7	99.0	97.4	83.9	56.9	16.6	79.7	685
ALL HOURS	100.0	100.0	99.9	99.7	98.9	95.0	76.0	43.1	13.5	77.0	6732

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	84.2	37.0	18.1	78.2	386
03-05	100.0	100.0	100.0	100.0	100.0	100.0	89.3	49.5	25.1	80.9	590
06-08	100.0	100.0	100.0	100.0	100.0	99.8	91.2	59.1	24.9	82.1	1107
09-11	100.0	100.0	100.0	99.9	98.4	90.8	66.3	28.6	9.3	73.5	1167
12-14	100.0	100.0	100.0	99.8	97.7	85.6	46.2	13.4	2.2	68.8	1168
15-17	100.0	100.0	100.0	100.0	99.4	89.0	54.8	20.1	3.2	70.9	1047
18-20	100.0	100.0	100.0	100.0	99.9	95.3	67.0	37.9	10.2	75.3	900
21-23	100.0	100.0	100.0	100.0	100.0	97.6	78.9	48.7	18.6	78.5	678
ALL HOURS	100.0	100.0	100.0	100.0	99.2	93.6	69.4	34.9	12.5	75.3	7043

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.4	98.0	95.1	81.1	47.1	16.6	78.4	344
03-05	100.0	100.0	100.0	100.0	99.4	97.8	86.2	60.6	26.5	81.7	543
06-08	100.0	100.0	100.0	99.9	99.1	97.4	88.7	66.6	30.7	82.9	1019
09-11	100.0	100.0	98.9	96.6	93.4	83.0	60.7	31.4	9.6	71.6	1074
12-14	100.0	99.4	97.9	96.1	91.3	77.4	47.1	15.3	1.4	67.1	1074
15-17	100.0	100.0	99.3	98.0	94.6	84.6	54.8	23.9	5.2	70.1	962
18-20	100.0	100.0	99.8	98.6	97.2	91.3	69.1	37.8	12.1	75.1	812
21-23	100.0	100.0	100.0	99.2	97.2	94.6	78.4	50.9	18.0	78.1	611
ALL HOURS	100.0	99.9	99.3	98.2	95.7	88.6	68.0	39.1	13.8	74.7	6439

MONTH: OCT

00-02	100.0	100.0	100.0	98.9	98.0	94.9	74.4	47.4	12.5	76.6	352
03-05	100.0	100.0	100.0	99.8	98.7	96.0	79.8	54.0	17.5	79.2	550
06-08	100.0	100.0	100.0	99.9	98.5	95.2	86.0	61.8	19.6	80.9	1051
09-11	100.0	99.8	99.0	95.1	88.7	78.4	57.9	31.7	8.5	70.2	1124
12-14	100.0	99.6	97.1	91.9	84.8	69.8	41.3	13.2	2.6	64.3	1122
15-17	100.0	100.0	98.8	94.8	89.1	78.8	52.4	19.9	4.3	68.2	999
18-20	100.0	100.0	99.6	98.8	95.9	87.6	69.7	37.3	8.6	74.0	836
21-23	100.0	100.0	99.7	98.9	96.8	89.2	74.3	45.3	12.3	76.0	651
ALL HOURS	100.0	99.9	99.1	96.7	92.7	84.2	64.5	36.2	9.9	72.7	6685

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.4	99.1	98.5	92.0	67.3	36.4	11.0	75.1	327
03-05	100.0	100.0	100.0	99.3	97.7	90.0	68.7	37.4	11.4	75.2	431
06-08	100.0	100.0	100.0	99.6	97.9	92.6	74.3	44.9	17.2	77.2	798
09-11	100.0	100.0	99.3	95.8	87.1	73.9	51.9	29.4	9.4	69.2	1010
12-14	100.0	99.0	94.4	85.8	71.7	53.0	32.3	12.1	2.5	59.4	1008
15-17	100.0	99.6	97.5	92.8	85.1	68.6	42.9	15.5	3.6	65.0	951
18-20	100.0	100.0	99.6	99.1	94.4	84.3	63.7	33.1	8.7	72.7	785
21-23	100.0	100.0	99.6	99.3	97.0	86.9	68.7	38.6	11.7	74.6	710
ALL HOURS	100.0	99.8	98.4	95.4	89.1	77.1	55.7	28.9	8.8	69.8	6020

MONTH: DEC

00-02	100.0	100.0	100.0	98.5	93.9	80.7	54.2	23.1	8.3	70.3	264
03-05	100.0	100.0	100.0	98.2	93.9	83.6	56.3	24.8	6.9	70.7	391
06-08	100.0	100.0	100.0	99.6	95.4	85.6	65.9	35.8	12.1	74.1	825
09-11	100.0	100.0	99.6	96.1	88.2	75.6	56.6	29.7	7.7	69.9	1055
12-14	100.0	99.6	93.9	81.1	70.5	57.7	33.8	13.6	1.4	59.4	1046
15-17	100.0	99.5	95.7	86.2	76.6	63.9	39.4	13.8	1.9	62.0	944
18-20	100.0	100.0	99.4	93.6	83.6	73.9	51.6	26.4	5.9	67.9	640
21-23	100.0	100.0	99.1	97.4	91.8	79.2	58.0	33.1	11.0	71.5	571
ALL HOURS	100.0	99.8	97.9	92.3	84.6	72.8	50.4	24.3	6.3	67.3	5736

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.8	99.5	98.5	94.6	73.1	39.5	12.2	76.2	4460
03-05	100.0	100.0	99.9	99.5	98.8	95.7	78.3	46.0	15.9	78.0	6335
06-08	100.0	100.0	100.0	99.7	98.8	95.5	81.5	52.9	19.5	79.4	11610
09-11	100.0	100.0	99.4	97.6	93.2	83.2	57.4	27.8	7.7	71.0	13067
12-14	100.0	99.7	97.9	94.0	87.2	71.8	39.0	12.3	1.9	64.7	13055
15-17	100.0	99.8	98.8	95.9	90.7	77.0	45.5	16.1	3.0	67.0	12005
18-20	100.0	100.0	99.7	98.7	95.7	87.7	62.5	31.8	7.5	72.8	9945
21-23	100.0	100.0	99.7	99.2	97.7	92.0	71.3	41.9	12.6	75.9	8584
ALL HOURS	100.0	99.9	99.3	97.7	94.2	85.4	60.8	31.3	9.2	72.2	79061

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1020.9	1019.7	1018.6	1017.7	1016.5	1015.0	1015.0	1014.7	1014.7	1016.3	1019.6	1019.6	1017.2
	SD	5.040	5.239	5.348	3.699	2.789	2.656	2.438	2.366	2.803	2.881	4.030	4.911	4.312
	TOT OBS	98	106	142	140	140	142	139	131	115	119	110	88	1470
0400	MEAN	1020.8	1019.4	1017.9	1017.0	1016.0	1014.7	1014.8	1014.6	1014.1	1016.3	1019.4	1019.7	1016.6
	SD	5.111	5.206	5.580	3.789	3.039	2.664	2.289	2.354	2.965	2.875	4.094	4.968	4.280
	TOT OBS	130	135	178	187	209	212	229	215	196	202	137	126	2156
0700	MEAN	1019.4	1019.0	1017.7	1017.8	1016.5	1015.9	1015.8	1015.4	1014.8	1017.0	1019.4	1020.1	1017.2
	SD	5.543	5.707	5.728	3.789	3.016	2.774	2.434	2.428	2.843	2.939	4.598	4.899	4.303
	TOT OBS	304	284	331	324	364	366	362	389	358	371	281	266	4000
1000	MEAN	1020.5	1020.0	1018.6	1018.3	1016.9	1016.3	1016.2	1015.9	1015.3	1017.7	1020.2	1020.7	1018.0
	SD	5.500	6.006	5.735	3.724	3.015	2.728	2.464	2.442	2.812	2.974	4.528	5.029	4.502
	TOT OBS	363	338	382	368	366	367	361	389	358	375	338	351	4356
1300	MEAN	1018.7	1018.7	1017.7	1017.7	1016.6	1016.1	1015.9	1015.4	1014.5	1016.5	1018.6	1018.9	1017.1
	SD	5.365	5.927	5.509	3.624	2.973	2.758	2.444	2.399	2.785	2.934	4.433	4.994	4.263
	TOT OBS	363	338	382	368	366	367	361	389	358	374	335	348	4349
1600	MEAN	1018.3	1017.9	1016.9	1016.8	1016.0	1015.3	1015.2	1014.5	1013.6	1015.8	1018.1	1018.4	1016.5
	SD	5.265	5.944	5.350	3.510	2.991	2.718	2.453	2.433	2.849	2.987	4.391	4.908	4.335
	TOT OBS	362	338	380	360	313	320	308	330	302	316	337	345	4011
1900	MEAN	1019.0	1018.2	1017.1	1016.7	1015.9	1015.1	1014.9	1014.3	1013.8	1016.2	1018.6	1019.4	1016.5
	SD	5.248	6.108	5.323	3.511	2.884	2.699	2.445	2.427	2.819	2.971	4.627	4.676	4.345
	TOT OBS	271	255	303	284	280	285	277	300	271	278	254	202	3260
2200	MEAN	1019.6	1018.8	1017.9	1017.6	1016.6	1015.6	1015.4	1014.7	1014.5	1016.8	1019.4	1020.0	1017.2
	SD	5.343	6.194	5.354	3.554	2.889	2.718	2.443	2.396	2.834	3.023	4.691	4.743	4.404
	TOT OBS	269	254	300	282	279	285	277	276	250	259	230	185	3146
ALL HOURS	MEAN	1019.4	1018.9	1017.7	1017.5	1016.4	1015.6	1015.5	1015.0	1014.4	1016.6	1019.1	1019.6	1017.1
	SD	5.420	5.931	5.535	3.682	2.986	2.771	2.480	2.476	2.887	3.013	4.531	4.973	4.380
	TOT OBS	2160	2048	2398	2313	2317	2344	2314	2419	2208	2294	2022	1911	26748

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1100	MEAN	30.15	30.11	30.08	30.05	30.02	29.97	29.97	29.96	29.96	30.01	30.11	30.11	30.04
	SD	.148	.155	.158	.110	.083	.078	.073	.070	.083	.085	.119	.145	.127
	TOT OBS	98	106	142	140	140	142	139	131	115	119	110	88	1470
1400	MEAN	30.14	30.10	30.06	30.03	30.00	29.97	29.97	29.96	29.94	30.01	30.10	30.11	30.02
	SD	.151	.153	.165	.113	.090	.079	.068	.070	.088	.085	.120	.146	.126
	TOT OBS	130	135	178	187	209	212	229	215	196	202	137	126	2156
1700	MEAN	30.10	30.09	30.05	30.05	30.02	30.00	29.99	29.98	29.96	30.03	30.10	30.12	30.04
	SD	.164	.168	.172	.112	.090	.080	.072	.072	.085	.087	.136	.144	.128
	TOT OBS	305	284	332	324	364	366	362	389	358	371	281	266	4002
1000	MEAN	30.13	30.12	30.07	30.07	30.03	30.01	30.00	30.00	29.98	30.05	30.12	30.14	30.06
	SD	.164	.178	.169	.110	.090	.079	.072	.073	.084	.088	.134	.150	.133
	TOT OBS	363	338	382	368	366	367	361	389	358	375	338	351	4356
1300	MEAN	30.08	30.08	30.05	30.05	30.02	30.00	30.00	29.98	29.95	30.01	30.07	30.08	30.03
	SD	.160	.175	.163	.107	.089	.080	.072	.072	.083	.087	.131	.148	.126
	TOT OBS	363	338	382	368	366	367	361	388	358	374	336	348	4349
1600	MEAN	30.06	30.05	30.02	30.02	30.00	29.98	29.98	29.96	29.93	29.99	30.06	30.07	30.01
	SD	.160	.176	.158	.104	.089	.079	.073	.072	.085	.089	.130	.146	.129
	TOT OBS	363	338	380	361	313	320	308	330	302	316	337	345	4013
1900	MEAN	30.09	30.07	30.03	30.02	30.00	29.97	29.97	29.95	29.93	30.00	30.08	30.10	30.01
	SD	.156	.180	.157	.104	.085	.079	.072	.072	.085	.088	.137	.137	.128
	TOT OBS	271	255	303	284	280	285	277	300	271	278	254	202	3260
2200	MEAN	30.10	30.08	30.06	30.05	30.02	29.99	29.98	29.96	29.96	30.02	30.10	30.12	30.03
	SD	.159	.183	.158	.106	.086	.079	.072	.072	.085	.090	.139	.140	.130
	TOT OBS	269	254	299	282	279	285	277	276	250	259	230	185	3145
ALL HOURS	MEAN	30.10	30.08	30.05	30.04	30.01	29.99	29.99	29.97	29.95	30.02	30.09	30.10	30.03
	SD	.162	.175	.164	.109	.089	.081	.073	.074	.086	.089	.134	.147	.130
	TOT OBS	2162	2048	2398	2314	2317	2344	2314	2418	2208	2294	2023	1911	26751

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	29.99	29.95	29.92	29.90	29.86	29.82	29.82	29.81	29.81	29.86	29.95	29.95	29.88
	SD	.148	.156	.158	.110	.083	.079	.072	.069	.083	.086	.120	.146	.128
	TOT OBS	98	106	142	140	142	143	137	132	114	118	110	88	1470
0400	MEAN	29.99	29.94	29.90	29.87	29.85	29.81	29.81	29.80	29.79	29.86	29.95	29.95	29.86
	SD	.151	.154	.166	.112	.092	.078	.069	.071	.088	.085	.122	.147	.127
	TOT OBS	124	135	177	189	213	214	228	215	195	197	138	131	2156
0700	MEAN	29.94	29.93	29.89	29.90	29.86	29.84	29.84	29.82	29.81	29.87	29.94	29.96	29.88
	SD	.166	.170	.172	.111	.091	.080	.073	.072	.086	.087	.137	.144	.128
	TOT OBS	301	284	333	326	364	368	361	387	362	367	281	267	4001
1000	MEAN	29.97	29.96	29.92	29.91	29.87	29.85	29.85	29.84	29.82	29.89	29.96	29.98	29.90
	SD	.165	.178	.170	.110	.090	.079	.073	.073	.084	.089	.134	.150	.134
	TOT OBS	363	338	382	368	366	367	361	389	358	376	337	351	4356
1300	MEAN	29.92	29.92	29.89	29.89	29.86	29.84	29.84	29.82	29.79	29.85	29.92	29.93	29.87
	SD	.161	.176	.163	.107	.089	.079	.073	.072	.084	.087	.132	.148	.127
	TOT OBS	363	338	382	368	366	367	361	388	358	374	336	348	4349
1600	MEAN	29.91	29.90	29.87	29.87	29.84	29.82	29.82	29.80	29.77	29.84	29.90	29.91	29.86
	SD	.161	.176	.159	.104	.090	.079	.073	.072	.086	.089	.131	.146	.129
	TOT OBS	363	338	380	361	313	320	308	330	302	316	337	345	4013
1900	MEAN	29.93	29.91	29.87	29.86	29.84	29.81	29.81	29.79	29.78	29.85	29.92	29.94	29.86
	SD	.157	.181	.158	.104	.086	.079	.073	.072	.085	.088	.138	.137	.129
	TOT OBS	271	255	303	284	280	285	277	300	271	278	254	202	3260
2200	MEAN	29.95	29.93	29.90	29.89	29.86	29.83	29.83	29.81	29.80	29.87	29.94	29.96	29.88
	SD	.160	.184	.159	.106	.087	.079	.073	.071	.085	.090	.140	.140	.131
	TOT OBS	269	254	299	282	279	285	277	277	249	259	230	185	3145
ALL HOURS	MEAN	29.94	29.93	29.89	29.89	29.86	29.83	29.83	29.81	29.80	29.86	29.93	29.95	29.87
	SD	.163	.176	.164	.109	.090	.080	.074	.073	.087	.090	.135	.147	.130
	TOT OBS	2152	2048	2398	2318	2323	2349	2310	2418	2209	2285	2023	1917	26750

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	GG GG
PP	AAAAAAAA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGG
				GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A				318	.2			432	1.0			913	1.4			1091
CATEGORY B	.5			373	.2			501	1.3	.1		1002	2.0	.1	.1	1167

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	3.1			1090	3.0			1030	1.1			840	1.0			807
CATEGORY B	3.8	.1		1125	3.1			1093	1.3			879	1.1	.2		850

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.0			4964	1.6			6521
CATEGORY B	2.4	.1	.0	5266	1.9	.1	.0	6990

G - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	1.2			337	1.2			431	1.2			846	2.9			1013
CATEGORY B	1.6			387	2.8			498	2.0	.2		932	4.0	.8	.4	1078

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	3.3	.4	.1	1014	3.5			960	1.0			793	1.2			762
CATEGORY B	4.6	.7	.5	1070	5.0	.2	.1	1008	1.5			844	1.4	.1		813

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.5	.1	.0	4626	2.1	.1	.0	6156
CATEGORY B	3.5	.4	.2	4932	3.1	.3	.2	6630

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.2			461				545	.5			980	1.1			1146
CATEGORY B	.2			541	.6	.2		662	1.0			1108	1.8	.2		1240

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	3.6			1146	3.3			1092	1.1			936	1.0			899
CATEGORY B	5.7	.2		1211	5.0	.2		1167	1.8			997	1.5			978

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.0			5300	1.6			7205
CATEGORY B	3.1	.1		5723	2.5	.1		7904

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.5			434	.3			576	.3			936	1.4			1104
CATEGORY B	.4			482	.3			699	.3			1068	1.9			1164

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	3.4			1104	4.7			1045	3.9			878	2.6			814
CATEGORY B	6.7			1157	8.9			1113	5.9			939	2.8			866

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.7			5067	2.4			6891
CATEGORY B	4.7			5441	3.8			7488

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	1.2			412	.2			603	.6			1046	.7			1098
CATEGORY B	1.0			478	.1			730	.6			1192	3.5			1173

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	6.7			1098	9.6			991	8.0			840	6.6			692
CATEGORY B	14.8			1133	19.3			1046	11.9			927	7.0			742

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	4.9			5073	4.5			6780
CATEGORY B	9.7			5471	7.9			7421

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.7			418	.3			615	.5			1054	.6			1101
CATEGORY B	.6			489	.3			768	.6			1230	2.2			1202

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	6.0			1101	10.0			1007	11.8			855	8.5			704
CATEGORY B	13.8			1137	20.5			1062	14.1			922	8.5			769

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	5.5			5118	5.0			6855
CATEGORY B	9.7			5553	8.0			7579

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.5			407				628	.2			1037	.1			1084
CATEGORY B	.4			505				797	.4			1256	1.2			1214

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.6			1084	7.6			977	11.8			830	8.9			685
CATEGORY B	9.3			1148	13.6			1075	12.5			954	9.8			769

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	4.1			5012	4.0			6732
CATEGORY B	6.9			5647	6.1			7718

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A				386				590				1109	.3			1167
CATEGORY B				481				746				1337	.9			1301

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.0			1168	4.3			1047	5.8			900	4.3			678
CATEGORY B	6.2			1232	9.8			1151	7.7			1018	5.1			765

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.3			5391	2.2			7045
CATEGORY B	4.6			6039	4.0			8031

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A				344				543				1019		.3		1074
CATEGORY B				436				695				1201		.4		1182

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.9			1074	2.4			962	3.8			812	2.1			611
CATEGORY B	2.7			1151	5.7			1040	3.8			895	2.2			684

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	1.4			4941	1.2			6439
CATEGORY B	2.4			5469	2.0			7284

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (BOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A				352				551				1051	.2			1124
CATEGORY B				436				668				1186	.3			1246

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	1.1			1122	1.1			999	1.1			836	.6			651
CATEGORY B	1.7	.1	.1	1192	1.9	.2		1085	1.4			907	.5			740

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.7			5132	.6			6686
CATEGORY B	1.0	.1	.0	5616	.8	.0	.0	7460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A				327				431	.5			798	.5			1010
CATEGORY B				354	.2			479	.7			856	1.3	.2		1073

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	1.2			1008	1.2			951	.8			785				710
CATEGORY B	1.5			1039	1.5			1002	1.0			822	.1			734

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.8			4552	.6			6020
CATEGORY B	1.2	.0		4792	1.0	.0		6359

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: PORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A				264				391	.2			825	1.3			1055
CATEGORY B				310				447	.2	.1	.1	880	1.5	.3	.3	1111

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.2			1046	1.7			944	.2			640	.9			571
CATEGORY B	3.0	.4	.3	1086	2.1	.2		1000	.4			684	.8			625

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	1.2			4510	1.1			5736
CATEGORY B	1.6	.2	.1	4761	1.3	.2	.1	6143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 110-290

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 76 - JUL 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	.4			4460	.2			6336	.4			11614	.9			13067
CATEGORY B	.4			5272	.3	.0		7690	.6	.0	.0	13248	1.7	.1	.1	14151

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	3.0	.0	.0	13055	4.4			12005	4.3			9945	3.1			8584
CATEGORY B	6.2	.1	.1	13681	8.1	.1	.0	12842	5.5			10788	3.4	.0		9335

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE30	OBS	GE10	GE25	GE30	OBS
CATEGORY A	2.5	.0	.0	59686	2.3	.0	.0	79066
CATEGORY B	4.3	.1	.0	64710	3.6	.1	.0	87007

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

PART B

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) FOR (IF AVAILABLE). THE 30-YEAR FOR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR FOR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 6

PERIOD OF RECORD: JAN 63 - DEC 67

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1963	587	254	407	362	289	243	192	184	83	131	292	427	3451
1964	531	472	511	421	380	226	203	176	177	185	407	413	4102
1967	458	372	423	449	286	270	211	201	87	142	266	550	3715
MEAN	525	366	447	410	318	246	202	187	115	152	321	463	
SD	64.69	109.12	56.00	44.41	53.43	22.19	9.54	12.77	53.15	28.54	75.04	75.38	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 690070

STATION NAME: FORT ORD/FRITZCHE AAF CA
LST TO UTC: + 8

PERIOD OF RECORD: JAN 63 - DEC 67

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1963		1							4	1			6
1964									11	12			23
1967					5				12	18	3		38
MEAN		0			1				9	10	1		
SD		.58			2.89				4.36	8.62	1.73		

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A W S CLIMATIC BRIEF JUL 92	STATION NAME: FORT ORD/FRITZCHE AAF CA												FIELD ELEV: 134 FT		
	LATITUDE/LONGITUDE: 36 41 N 121 46 W												STATION MSC: 690070		
	HOURLY OBS POR: AUG 76 - JUL 91												CALL SIGN: KOAR		
	SUMMARY OF DAY POR: APR 60-MAR 65, MAY 66-JUL 91												SUPERSEDES: NOV 86		
	BOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +08														
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTREM MAX TEMP (F)	81	82	85	93	92	92	97	84	98	103	90	82	103	30	
MEAN MAX TEMP (F)	60	61	60	62	62	64	65	66	69	68	64	60	63	30	
MEAN TEMP (F)	50	52	53	55	56	59	60	61	62	60	55	51	56	30	
MEAN MIN TEMP (F)	40	43	45	47	50	53	54	55	54	50	45	41	48	30	
EXTREM MIN TEMP (F)	23	24	28	33	37	40	41	44	42	31	28	24	23	30	
D/W TEMP GE 100 (F)	0	0	0	0	0	0	0	0	0	1	0	0	1	30	
D/W TEMP GE 90 (F)	0	0	0	1	#	1	#	0	1	1	#	0	4	30	
D/W TEMP LT 40 (F)	14	8	6	2	1	0	0	0	0	1	6	12	50	30	
D/W TEMP LT 33 (F)	4	1	1	0	0	0	0	0	0	#	1	3	10	30	
HEATING DEGREE DAYS	525	366	447	410	318	246	202	187	115	152	321	463	3752	5	
COOLING DEGREE DAYS	0	#	0	0	1	0	0	0	9	10	1	0	21	5	
MEAN DEWPOINT TEMP (F)	41	43	45	45	47	50	53	53	53	50	44	40	47	15	
MEAN WET BULB TEMP (F)	46	48	49	50	52	54	56	57	57	54	49	46	52	15	
99.95% WCPA (FT)	500	550	550	350	350	350	300	350	400	350	400	400	450	15	
MEAN REL HUM 07 LST(%)	77.8	79.4	79.6	77.2	77.5	79.2	83.4	82.1	82.9	80.9	77.2	74.1	79.4	15	
MEAN REL HUM 13 LST(%)	62.4	63.8	64.7	63.0	64.8	67.2	70.9	68.8	67.1	64.3	59.4	59.4	64.7	15	
MAX 24HR PRECIP (IN)	2.43	1.93	2.69	1.51	1.35	.31	.67	.55	1.29	1.14	2.35	2.56	2.69	31	
MAX PRECIP (IN)	7.68	6.93	8.24	6.56	2.04	.38	.69	.60	1.46	1.72	4.97	4.50	31.32	31	
MEAN PRECIP (IN)	2.88	2.22	2.35	1.54	.13	.07	.13	.09	.12	.57	1.82	2.20	14.77	31	
MIN PRECIP (IN)	.16	.15	.03	.00	#	#	#	#	#	#	.06	.17	7.21	31	
D/W PRECIP GE .01 (IN)	9	8	9	6	3	1	1	1	2	4	8	8	60	31	
D/W PRECIP GT .50 (IN)	2	1	2	1	#	0	#	#	#	1	1	1	9	31	
MAX 24HR SNFL (IN)	4.1	#	#	#	0	0	0	0	0	0	#	#	4.1	31	
MAX SNFL (IN)	4.1	#	#	#	0	0	0	0	0	0	#	#	4.1	31	
MEAN SNFL (IN)	.2	#	#	#	0	0	0	0	0	0	#	#	#	31	
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31	
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	31	
MAX DLY SNO DEPTH (IN)	1	0	0	0	0	0	0	0	0	0	0	0	1	31	
PRVING WND DIR (DEG)	\$11-13	\$29-31	29-31	26-28	26-28	26-28	26-28	26-28	26-28	26-28	\$11-13	\$11-13	26-28	15	
MEAN WND SPD (KTS)	4	5	5	6	7	6	6	6	5	4	4	4	5	15	
MAX WND SPD (KTS)	44	50	42	40	40	38	26	32	30	40	42	46	50	34	
SKY COVER GT 5/10 (%)	51.2	54.2	55.9	51.9	50.0	51.9	60.2	59.5	49.9	49.8	46.7	46.0	52.4	15	
D/W THUNDERSTORMS	1	1	1	1	#	#	#	1	1	1	1	#	8	31	
D/W FOG (VSEY LT 7 MI)	10	11	10	10	13	15	22	22	18	16	12	11	170	31	
LEGEND: ANN - ANNUAL D/W - MEAN NUMBER OF DAYS WITH & - BASED ON LESS THAN FULL MONTHS ** - INSTANTANEOUS PEAK WINDS * - DATA NOT AVAILABLE POR/YOR - PERIOD/YEARS OF RECORD WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE # - LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	16.4	19.0	25.6	28.8	30.3	56.9	65.4	66.1	54.1	51.7	19.9	16.7	37.6	15
	03 - 05	21.5	21.1	28.3	34.0	48.9	66.0	73.6	74.2	61.9	50.5	19.5	12.5	42.7	15
	06 - 08	17.3	24.3	25.9	34.6	47.6	63.0	74.3	74.3	57.3	48.3	20.6	16.7	42.0	15
	09 - 11	12.6	14.0	15.7	18.2	26.9	39.5	49.2	46.2	30.4	27.4	13.2	11.8	25.4	15
	12 - 14	6.9	7.5	9.2	10.1	15.5	20.9	30.5	25.9	15.9	15.7	8.1	7.0	14.4	15
	15 - 17	5.8	9.1	11.3	12.1	21.1	27.8	44.4	38.7	25.5	24.3	11.9	6.8	19.9	15
	18 - 20	10.8	12.5	16.6	17.2	26.1	40.2	57.8	54.4	36.6	34.8	15.0	9.4	27.6	15
	21 - 23	11.3	15.5	20.0	19.2	25.4	43.7	59.4	55.8	42.2	38.1	15.1	14.9	30.0	15
	ALL	11.6	14.3	17.6	20.2	29.3	42.4	54.7	51.6	37.3	33.4	14.4	11.1	28.6	15
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.3	13.4	17.1	16.8	20.9	48.6	62.2	58.3	46.5	45.7	14.4	14.0	30.8	15
	03 - 05	14.1	15.8	20.2	22.6	34.2	54.1	70.1	66.8	48.4	42.6	13.2	9.2	34.3	15
	06 - 08	10.5	17.8	16.4	24.5	33.3	50.7	69.3	67.5	47.7	42.2	14.8	11.8	33.9	15
	09 - 11	6.3	9.2	8.9	9.2	16.2	27.9	43.3	37.8	22.9	23.0	9.4	6.5	18.4	15
	12 - 14	2.4	3.5	5.3	6.3	10.7	14.3	26.8	21.8	12.6	12.7	4.4	2.9	10.3	15
	15 - 17	2.3	5.7	7.7	7.7	17.3	23.8	42.0	35.8	23.3	21.1	7.8	3.6	16.5	15
	18 - 20	5.7	7.9	10.1	11.3	19.9	36.5	55.7	51.3	32.4	29.9	10.6	6.2	23.1	15
	21 - 23	6.7	10.1	13.0	11.9	18.9	38.0	56.6	51.2	38.0	32.9	11.0	9.6	24.8	15
	ALL	6.3	9.5	11.2	12.8	20.7	34.3	51.0	46.1	31.2	28.7	9.9	6.9	22.8	15
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	6.6	12.2	13.4	14.7	17.0	39.5	55.3	50.3	40.7	36.9	12.5	10.2	25.8	15
	03 - 05	8.1	12.1	17.4	19.3	28.9	44.1	63.5	57.5	42.4	37.7	12.1	8.4	29.3	15
	06 - 08	6.9	14.8	13.1	19.3	27.2	39.0	61.5	58.9	41.6	37.4	12.2	9.7	28.5	15
	09 - 11	4.1	7.0	6.0	5.9	8.5	15.9	31.0	24.9	16.2	16.5	6.0	4.7	12.2	15
	12 - 14	1.0	.9	2.9	2.9	5.3	5.2	14.7	17.9	8.6	9.1	2.5	1.5	5.5	15
	15 - 17	1.5	3.6	5.3	4.7	11.0	12.8	31.0	27.2	18.7	18.2	6.2	2.3	11.9	15
	18 - 20	3.1	5.8	6.6	8.2	15.4	24.4	49.3	41.9	28.9	24.2	8.4	5.3	18.5	15
	21 - 23	3.7	7.1	8.7	9.1	15.0	30.2	53.0	43.2	31.8	27.6	8.7	7.7	20.5	15
	ALL	3.8	7.0	8.1	9.4	15.1	23.8	42.1	36.5	25.9	23.7	7.7	5.3	17.7	15
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	5.0	5.3	4.8	3.5	2.4	9.8	15.7	9.1	9.0	11.9	5.5	5.7	7.3	15
	03 - 05	5.6	5.8	6.4	5.4	7.0	8.9	16.6	11.4	14.2	13.6	6.3	4.3	8.8	15
	06 - 08	3.9	7.7	5.4	5.0	4.2	5.4	9.9	9.7	13.3	14.2	6.4	5.5	7.5	15
	09 - 11	1.3	1.6	.5	.2	.0	.0	.0	.0	.2	1.2	2.3	1.7	.7	15
	12 - 14	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	.0	.0	.0	15
	15 - 17	.2	.4	.5	.3	.1	.0	.0	.0	.4	.8	.5	.3	.3	15
	18 - 20	.7	2.0	1.0	.2	.2	.5	5.4	1.8	3.6	4.7	1.4	1.7	1.9	15
	21 - 23	1.6	3.5	1.1	.9	1.0	3.7	10.7	3.7	6.2	8.3	2.8	4.0	4.0	15
	ALL	1.7	2.8	1.9	1.6	1.6	2.7	5.8	3.6	4.9	5.7	2.6	2.3	3.1	15

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @@MOST OF THE DATA FOR THIS STATION IS PART TIME. THIS FACT ATTRIBUTES TO THE HIGH TEMPERATURE VALUE OF 93 DEGREES FAHRENHEIT FOR AUGUST (1968) NOT BEING LISTED ON THIS SUMMARY.

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